2nd & Final

**Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05**

005-20-000094

B.B. Umesha

# EMB

## "SECOND AND FINAL BILL"

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

# PRE-MEASUREMENT SHEETS

## "SECOND AND FINAL BILL"

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas

Measurement Sheet

**Second and Final Bill**

| Item No: | 2 | |
|---|---|---|
| Item Name: | KSRRB300 - Excavation for road, drains and similar works ,KSRRB300-1 : Earthwork excavation by manual means in ordinary soil involving as average horizontal throw upto 2 mters and an average lifts upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications with all lead and lift and as per the direction of Engineer in-charge. | |

Premeasurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **cross road 1** | | | | | | | | | |
| | 0.00 | 450.00 | 1 | 450.00 | 0.50 | 0.50 | 0.50 | 0.55 | 123.75 | |
| | **cross road 2** | | | | | | | | | |
| | 0.00 | 363.00 | 1 | 363.00 | 0.50 | 0.50 | 0.50 | 0.60 | 108.90 | |
| | **FOR SSM CULVERT** | | | | | | | | | |
| | **Sri Krishna Garden Main road RHS** | | | | | | | | | |
| | 0.00 | 6.20 | 1 | 6.20 | 1.80 | 1.80 | 1.80 | 1.20 | 13.39 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 6.90 | 1 | 6.90 | 1.80 | 1.80 | 1.80 | 1.10 | 13.66 | |
| | **Kattigenahalli 3rd main road** | | | | | | | | | |
| | 0.00 | 11.00 | 1 | 11.00 | 1.80 | 1.80 | 1.80 | 1.10 | 21.78 | |
| | | | | | | | | **Total Qty Work Done** | **281.48** | **Cum** |
| | | | | | | | | **Qty Payable in this bill** | **281.48** | **Cum** |
| | | | | | | | | **Qty Paid in 1st Bill** | **1058.05** | **Cum** |
| | | | | | | | | **Total Qty** | **1339.53** | **Cum** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **281.48** | **Cum** |
| | | | | | | | | **Qty upto 125%** | **264.80** | **Cum** |
| | | | | | | | | **Qty Above 125%** | **16.69** | **Cum** |

16.68

20/1/2021

Contractor Representative

Consultant Representative

20/1/21

Asst Engineer

20/1/2021

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

| | | |
|---|---|---|
| Item No: | 4 | |
| Item Name: | KSRB M2100-10 : Providing and laying plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89 cum and fine aggregtes @ 0.46cum, in foundation machanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labours, HOM curing, from works, scffolding and centering complete as per specifications.( P.No- 222, I.No-27.18) | |

Premeasurement recorded on:

| SLNO | CHAINAGE | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **FOR SSM CULVERT** | | | | | | | | | |
| | **Sri Krishna Garden Main road RHS** | | | | | | | | | |
| | 0.00 | 6.20 | 1 | 6.20 | 1.80 | 1.80 | 1.80 | 0.15 | 1.67 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 6.90 | 1 | 6.90 | 1.80 | 1.80 | 1.80 | 0.15 | 1.86 | |
| | **Kattigenahalli 3rd main road** | | | | | | | | | |
| | 0.00 | 11.00 | 1 | 11.00 | 1.80 | 1.80 | 1.80 | 0.15 | 2.97 | |
| | | | | | | | | **Total Qty Work Done** | **6.51** | **Cum** |
| | | | | | | | | **Qty Payable in this bill** | **6.51** | **Cum** |
| | | | | | | | | **Qty Paid in 1st Bill** | **8.42** | **Cum** |
| | | | | | | | | **Total Qty** | **14.93** | **Cum** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **6.51** | **Cum** |

CBFC 17/2/24

Contractor Representative

NEWLEN CONSULTANT BANGALORE

Consultant Representative

17/2/24

Asst Engineer

Asst.Executive Engineer
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

| | | |
|---|---|---|
| Item No: | 5 | |
| Item Name: | KSRB 5.2-3: Providing and constructing granite / trap / baslt size stone masonary in foundation with cement mortar , stone hammered dressed in course not less than 20 cms high, bond stones at 2m. Apart in each course including cost materials , labours , curing complete as per specifications. KBS-5.1.13 , cement mortar 1:6 KBS-5.1.13 (P.No-25, I.No-5.6). | |

Premeasurement recorded on:

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | **FOR SSM CULVERT WALL** | | | | | | | | | |
| | **Sri Krishna Garden Main road RHS** | | | | | | | | | |
| | 0.00 | 6.20 | 2 | 6.20 | 0.45 | 0.45 | 0.45 | 0.76 | 4.24 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 6.90 | 2 | 6.90 | 0.45 | 0.45 | 0.45 | 0.68 | 4.22 | |
| | **Kattigenahalli 3rd main road** | | | | | | | | | |
| | 0.00 | 11.00 | 2 | 11.00 | 0.45 | 0.45 | 0.45 | 0.80 | 7.92 | |
| | **Total Qty Work Done** | | | | | | | | **16.38** | **Sqm** |
| | **Qty Payable in this bill** | | | | | | | | **16.38** | **Sqm** |
| | **Qty Paid in 1st Bill** | | | | | | | | **22.46** | **Cum** |
| | **Total Qty** | | | | | | | | **38.854** | **Cum** |
| | **Qty Payable in 2nd Bill** | | | | | | | | **16.38** | **Cum** |

Contractor Representative

Consultant Representative

NEWZEN CONSULTANT BANGALORE

Asst.Engineer 20/2/21

Asst.Executive Engineer 20/2/2021

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Item No: | 6 | | | | | | | | | |
| Item Name: | KSRB 4-1.6: Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs, with 20mm and down size granite metal coarse aggregates at 0.878 cum and fine aggregates at 0.53cum , mechine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted in foundation , plinth and cills, including cost of materials, labours, HOM curing complete as per specifications.specifications No. KBS 4.1,4.2.(P.No-13, I.No4.6) | | | | | | | | | |
| Premeasurement recorded on: | | | | | | | | | | |
| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | **FOR SSM CULVERT coping** | | | | | | | | | |
| | **Sri Krishna Garden Main road RHS** | | | | | | | | | |
| | 0.00 | 6.20 | 2 | 6.20 | 0.45 | 0.45 | 0.45 | 0.125 | 0.70 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 6.90 | 2 | 6.90 | 0.45 | 0.45 | 0.45 | 0.125 | 0.78 | |
| | **Kattigenahalli 3rd main road** | | | | | | | | | |
| | 0.00 | 11.00 | 2 | 11.00 | 0.45 | 0.45 | 0.45 | 0.125 | 1.24 | |
| | **FOR SSM CULVERT vent** | | | | | | | | | |
| | **Sri Krishna Garden Main road RHS** | | | | | | | | | |
| | 0.00 | 6.20 | 1 | 6.20 | 0.60 | 0.60 | 0.60 | 0.15 | 0.56 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 6.90 | 1 | 6.90 | 0.60 | 0.60 | 0.60 | 0.15 | 0.62 | |
| | **Kattigenahalli 3rd main road** | | | | | | | | | |
| | 0.00 | 11.00 | 1 | 11.00 | 0.60 | 0.60 | 0.60 | 0.15 | 0.99 | |
| | | | | | | | | **Total Qty Work Done** | **4.88** | **Cum** |
| | | | | | | | | **Qty Payable in this bill** | **4.88** | **Cum** |
| | | | | | | | | **Qty Paid in 1st Bill** | **458.36** | **Cum** |
| | | | | | | | | **Total Qty** | **463.24** | **Cum** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **4.88** | **Cum** |

Contractor Representative

Consultant Representative

NEWZEN CONSULTANT BANGALORE

Asst Engineer

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: **10**

KSRRB M300-14: Excavation for roadwork in soil with hydralic excavation of 0.9 cum bucket capacity including cutting and laoding in tippers,trimming bottom and side slopes , in accordance with requiement of lines , grades and cross section , and transporting to the embankment location to a lead of 1 km and complete as per specifications with all lead and lift and as per the direction of Engineer in-

Premeasurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Palanahalli 25th cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 14.45 | 8.00 | 11.23 | 0.40 | 134.70 | |
| | 30.00 | 50.00 | 1 | 20.00 | 8.00 | 9.60 | 8.80 | 0.40 | 70.40 | |
| | 50.00 | 80.00 | 1 | 30.00 | 9.60 | 8.80 | 9.20 | 0.40 | 110.40 | |
| | 80.00 | 110.00 | 1 | 30.00 | 8.80 | 8.80 | 8.80 | 0.40 | 105.60 | |
| | 110.00 | 122.50 | 1 | 12.50 | 8.80 | 10.60 | 9.70 | 0.40 | 48.50 | |
| | 122.50 | 152.50 | 1 | 30.00 | 10.60 | 12.20 | 11.40 | 0.40 | 136.80 | |
| | 152.50 | 159.10 | 1 | 6.60 | 12.20 | 12.40 | 12.30 | 0.40 | 32.47 | |
| | 159.10 | 165.80 | 1 | 6.70 | 12.40 | 11.30 | 11.85 | 0.40 | 31.76 | |
| | 165.80 | 174.50 | 1 | 8.70 | 11.30 | 12.60 | 11.95 | 0.40 | 41.59 | |
| | 174.50 | 190.90 | 1 | 16.40 | 12.60 | 9.00 | 10.80 | 0.40 | 70.85 | |
| | 190.90 | 199.30 | 1 | 8.40 | 9.00 | 11.00 | 10.00 | 0.40 | 33.60 | |
| | 199.30 | 229.30 | 1 | 30.00 | 15.45 | 8.30 | 11.88 | 0.40 | 142.50 | |
| | 229.30 | 247.30 | 1 | 18.00 | 8.30 | 9.20 | 8.75 | 0.40 | 63.00 | |
| | 247.30 | 277.30 | 1 | 30.00 | 9.20 | 6.30 | 7.75 | 0.40 | 93.00 | |
| | 277.30 | 307.30 | 1 | 30.00 | 6.30 | 8.30 | 7.30 | 0.40 | 87.60 | |
| | 307.30 | 337.30 | 1 | 30.00 | 8.30 | 8.60 | 8.45 | 0.40 | 101.40 | |
| | 337.30 | 367.30 | 1 | 30.00 | 8.60 | 8.20 | 8.40 | 0.40 | 100.80 | |
| | 367.30 | 397.30 | 1 | 30.00 | 8.20 | 8.00 | 8.10 | 0.40 | 97.20 | |
| | 397.30 | 427.30 | 1 | 30.00 | 8.00 | 8.40 | 8.20 | 0.40 | 98.40 | |
| | 427.30 | 457.30 | 1 | 30.00 | 8.40 | 8.20 | 8.30 | 0.40 | 99.60 | |
| | 457.30 | 487.30 | 1 | 30.00 | 8.20 | 8.00 | 8.10 | 0.40 | 97.20 | |
| | 487.30 | 517.30 | 1 | 30.00 | 8.00 | 8.00 | 8.00 | 0.40 | 96.00 | |
| | 517.30 | 536.30 | 1 | 19.00 | 16.45 | 8.20 | 12.33 | 0.40 | 93.67 | |
| | **Bhagath enclave 2nd cross** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 6.60 | 6.80 | 0.35 | 71.40 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 6.40 | 6.50 | 0.35 | 68.25 | |
| | 60.00 | 89.00 | 1 | 29.00 | 6.40 | 6.30 | 6.35 | 0.35 | 64.45 | |
| | **Cross Road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 0.35 | 68.78 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | 0.35 | 65.63 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.35 | 63.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.35 | 63.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.35 | 66.15 | |

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CBFC

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.35 | 66.15 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | 0.35 | 45.50 | |
| | **Cross Road B** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 0.35 | 68.78 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | 0.35 | 65.63 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.35 | 63.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.35 | 63.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.35 | 66.15 | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.35 | 66.15 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | 0.35 | 45.50 | |
| | **Shivashankar layout 3rd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.35 | 32.03 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.35 | 32.03 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.35 | 31.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.35 | 31.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.35 | 32.03 | |
| | 150.00 | 171.40 | 1 | 21.40 | 3.10 | 3.00 | 3.05 | 0.35 | 22.84 | |
| | **Shivashankar layout 2nd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 7.25 | 7.13 | 0.35 | 74.81 | |
| | 30.00 | 60.00 | 1 | 30.00 | 7.25 | 6.80 | 7.03 | 0.35 | 73.76 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.80 | 7.20 | 7.00 | 0.35 | 73.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.20 | 7.30 | 7.25 | 0.35 | 76.13 | |
| | 120.00 | 150.00 | 1 | 30.00 | 7.30 | 7.10 | 7.20 | 0.35 | 75.60 | |
| | 150.00 | 171.60 | 1 | 21.60 | 7.10 | 6.60 | 6.85 | 0.35 | 51.79 | |
| | **Shivashankar layout cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.50 | 5.60 | 0.35 | 58.80 | |
| | 30.00 | 33.00 | 1 | 3.00 | 5.50 | 5.50 | 5.50 | 0.35 | 5.78 | |
| | **Shivashankar layout 4th main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.35 | 32.03 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.10 | 3.10 | 0.35 | 32.55 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.35 | 32.03 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.35 | 31.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.35 | 32.03 | |
| | 150.00 | 170.00 | 1 | 20.00 | 3.00 | 3.00 | 3.00 | 0.35 | 21.00 | |
| | | | | | | | | **Total Qty Work Done** | **3920.74** | **Cum** |
| | | | | | | | | **Qty Payable in this bill** | **3920.74** | **Cum** |
| | | | | | | | | **Qty Paid in 1st Bill** | **6382.27** | **Cum** |
| | | | | | | | | **Total Qty** | **10303.01** | **Cum** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **3920.74** | **Cum** |

Contractor Representative

Asst. Engineer

Consultant Representative

Asst.Executive Engineer

NEWLEN CONSULTANT BANGALORE

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: **11**

Item Name: Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC , Carriage of mixed materials to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications with all lead and lift and as per direction of Engineer In-charge

Premeasurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Palanahalli 25th cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 14.45 | 8.00 | 11.23 | 0.180 | 60.62 | |
| | 30.00 | 50.00 | 1 | 20.00 | 8.00 | 9.60 | 8.80 | 0.180 | 31.68 | |
| | 50.00 | 80.00 | 1 | 30.00 | 9.60 | 8.80 | 9.20 | 0.180 | 49.68 | |
| | 80.00 | 110.00 | 1 | 30.00 | 8.80 | 8.80 | 8.80 | 0.180 | 47.52 | |
| | 110.00 | 122.50 | 1 | 12.50 | 8.80 | 10.60 | 9.70 | 0.180 | 21.83 | |
| | 122.50 | 152.50 | 1 | 30.00 | 10.60 | 12.20 | 11.40 | 0.180 | 61.56 | |
| | 152.50 | 159.10 | 1 | 6.60 | 12.20 | 12.40 | 12.30 | 0.180 | 14.61 | |
| | 159.10 | 165.80 | 1 | 6.70 | 12.40 | 11.30 | 11.85 | 0.180 | 14.29 | |
| | 165.80 | 174.50 | 1 | 8.70 | 11.30 | 12.60 | 11.95 | 0.180 | 18.71 | |
| | 174.50 | 190.90 | 1 | 16.40 | 12.60 | 9.00 | 10.80 | 0.180 | 31.88 | |
| | 190.90 | 199.30 | 1 | 8.40 | 9.00 | 11.00 | 10.00 | 0.180 | 15.12 | |
| | 199.30 | 229.30 | 1 | 30.00 | 11.00 | 8.30 | 9.65 | 0.180 | 52.11 | |
| | 229.30 | 247.30 | 1 | 18.00 | 8.30 | 9.20 | 8.75 | 0.180 | 28.35 | |
| | 247.30 | 277.30 | 1 | 30.00 | 9.20 | 6.30 | 7.75 | 0.180 | 41.85 | |
| | 277.30 | 307.30 | 1 | 30.00 | 6.30 | 8.30 | 7.30 | 0.180 | 39.42 | |
| | 307.30 | 337.30 | 1 | 30.00 | 8.30 | 8.60 | 8.45 | 0.180 | 45.63 | |
| | 337.30 | 367.30 | 1 | 30.00 | 8.60 | 8.20 | 8.40 | 0.180 | 45.36 | |
| | 367.30 | 397.30 | 1 | 30.00 | 8.20 | 8.00 | 8.10 | 0.180 | 43.74 | |
| | 397.30 | 427.30 | 1 | 30.00 | 8.00 | 8.40 | 8.20 | 0.180 | 44.28 | |
| | 427.30 | 457.30 | 1 | 30.00 | 8.40 | 8.20 | 8.30 | 0.180 | 44.82 | |
| | 457.30 | 487.30 | 1 | 30.00 | 8.20 | 8.00 | 8.10 | 0.180 | 43.74 | |
| | 487.30 | 517.30 | 1 | 30.00 | 8.00 | 8.00 | 8.00 | 0.180 | 43.20 | |
| | 517.30 | 536.30 | 1 | 19.00 | 8.00 | 8.20 | 8.10 | 0.180 | 27.70 | |
| | **Bhagath enclave 2nd cross** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 6.60 | 6.80 | 0.150 | 30.60 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 6.40 | 6.50 | 0.150 | 29.25 | |
| | 60.00 | 89.00 | 1 | 29.00 | 6.40 | 6.30 | 6.35 | 0.150 | 27.62 | |

955.17

C/RC

27/2/24

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | **Shivashankar layout 3rd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.150 | 13.73 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.150 | 13.73 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.150 | 13.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.150 | 13.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.150 | 13.73 | |
| | 150.00 | 171.40 | 1 | 21.40 | 3.10 | 3.00 | 3.05 | 0.150 | 9.79 | |
| | **Shivashankar layout 2nd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 7.25 | 7.13 | 0.150 | 32.06 | |
| | 30.00 | 60.00 | 1 | 30.00 | 7.25 | 6.80 | 7.03 | 0.150 | 31.61 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.80 | 7.20 | 7.00 | 0.150 | 31.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.20 | 7.30 | 7.25 | 0.150 | 32.63 | |
| | 120.00 | 150.00 | 1 | 30.00 | 7.30 | 7.10 | 7.20 | 0.150 | 32.40 | |
| | 150.00 | 171.60 | 1 | 21.60 | 7.10 | 6.60 | 6.85 | 0.150 | 22.19 | |
| | **Shivashankar layout cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.50 | 5.60 | 0.150 | 25.20 | |
| | 30.00 | 33.00 | 1 | 3.00 | 5.50 | 5.50 | 5.50 | 0.150 | 2.48 | |
| | **Shivashankar layout 4th main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.150 | 13.73 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.10 | 3.10 | 0.150 | 13.95 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.150 | 13.73 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.150 | 13.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.150 | 13.73 | |
| | 150.00 | 170.00 | 1 | 20.00 | 3.00 | 3.00 | 3.00 | 0.150 | 9.00 | 365.66 |
| | | | | | | | | **Total Qty Work Done** | **1320.83** | **Cum** |
| | | | | | | | | **Qty Payable in this bill** | **1320.83** | **Cum** |
| | | | | | | | | **Qty Paid in 1st Bill** | **3435.03** | **Cum** |
| | | | | | | | | **Total Qty** | **4755.86** | **Cum** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **1320.83** | **Cum** |

Contractor Representative

Consultant Representative

NEW LEA CONSULTANT BANGALORE

28/2/21

Asst. Engineer

28/2/2021

Asst.Executive Engineer

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08

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: **12**

Item Name: KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. with all lead and lift and as per direction of

Premeasurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Palanahalli 25th cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 14.45 | 8.00 | 11.23 | 0.225 | 75.77 | |
| | 30.00 | 50.00 | 1 | 20.00 | 8.00 | 9.60 | 8.80 | 0.225 | 39.60 | |
| | 50.00 | 80.00 | 1 | 30.00 | 9.60 | 8.80 | 9.20 | 0.225 | 62.10 | |
| | 80.00 | 110.00 | 1 | 30.00 | 8.80 | 8.80 | 8.80 | 0.225 | 59.40 | |
| | 110.00 | 122.50 | 1 | 12.50 | 8.80 | 10.60 | 9.70 | 0.225 | 27.28 | |
| | 122.50 | 152.50 | 1 | 30.00 | 10.60 | 12.20 | 11.40 | 0.225 | 76.95 | |
| | 152.50 | 159.10 | 1 | 6.60 | 12.20 | 12.40 | 12.30 | 0.225 | 18.27 | |
| | 159.10 | 165.80 | 1 | 6.70 | 12.40 | 11.30 | 11.85 | 0.225 | 17.86 | |
| | 165.80 | 174.50 | 1 | 8.70 | 11.30 | 12.60 | 11.95 | 0.225 | 23.39 | |
| | 174.50 | 190.90 | 1 | 16.40 | 12.60 | 9.00 | 10.80 | 0.225 | 39.85 | |
| | 190.90 | 199.30 | 1 | 8.40 | 9.00 | 11.00 | 10.00 | 0.225 | 18.90 | |
| | 199.30 | 229.30 | 1 | 30.00 | 11.00 | 8.30 | 9.65 | 0.225 | 65.14 | |
| | 229.30 | 247.30 | 1 | 18.00 | 8.30 | 9.20 | 8.75 | 0.225 | 35.44 | |
| | 247.30 | 277.30 | 1 | 30.00 | 9.20 | 6.30 | 7.75 | 0.225 | 52.31 | |
| | 277.30 | 307.30 | 1 | 30.00 | 6.30 | 8.30 | 7.30 | 0.225 | 49.28 | |
| | 307.30 | 337.30 | 1 | 30.00 | 8.30 | 8.60 | 8.45 | 0.225 | 57.04 | |
| | 337.30 | 367.30 | 1 | 30.00 | 8.60 | 8.20 | 8.40 | 0.225 | 56.70 | |
| | 367.30 | 397.30 | 1 | 30.00 | 8.20 | 8.00 | 8.10 | 0.225 | 54.68 | |
| | 397.30 | 427.30 | 1 | 30.00 | 8.00 | 8.40 | 8.20 | 0.225 | 55.35 | |
| | 427.30 | 457.30 | 1 | 30.00 | 8.40 | 8.20 | 8.30 | 0.225 | 56.03 | |
| | 457.30 | 487.30 | 1 | 30.00 | 8.20 | 8.00 | 8.10 | 0.225 | 54.68 | |
| | 487.30 | 517.30 | 1 | 30.00 | 8.00 | 8.00 | 8.00 | 0.225 | 54.00 | |
| | 517.30 | 536.30 | 1 | 19.00 | 8.00 | 8.20 | 8.10 | 0.225 | 34.63 | |
| | **Bhagath enclave 2nd cross** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 6.60 | 6.80 | 0.250 | 51.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 6.40 | 6.50 | 0.250 | 48.75 | |
| | 60.00 | 89.00 | 1 | 29.00 | 6.40 | 6.30 | 6.35 | 0.250 | 46.04 | |
| | **Cross Road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 0.225 | 44.21 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | 0.225 | 42.19 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.225 | 40.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.225 | 40.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.225 | 42.53 | |

1490.34

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.225 | 42.53 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | 0.225 | 29.25 | |
| | **Cross Road B** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 0.225 | 44.21 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | 0.225 | 42.19 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.225 | 40.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.225 | 40.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.225 | 42.53 | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.225 | 42.53 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | 0.225 | 29.25 | |
| | **Shivashankar layout 3rd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.225 | 20.59 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.225 | 20.59 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.225 | 20.25 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.225 | 20.25 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.225 | 20.59 | |
| | 150.00 | 171.40 | 1 | 21.40 | 3.10 | 3.00 | 3.05 | 0.225 | 14.69 | |
| | **Shivashankar layout 2nd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 7.25 | 7.13 | 0.225 | 48.09 | |
| | 30.00 | 60.00 | 1 | 30.00 | 7.25 | 6.80 | 7.03 | 0.225 | 47.42 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.80 | 7.20 | 7.00 | 0.225 | 47.25 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.20 | 7.30 | 7.25 | 0.225 | 48.94 | |
| | 120.00 | 150.00 | 1 | 30.00 | 7.30 | 7.10 | 7.20 | 0.225 | 48.60 | |
| | 150.00 | 171.60 | 1 | 21.60 | 7.10 | 6.60 | 6.85 | 0.225 | 33.29 | |
| | **Shivashankar layout cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.50 | 5.60 | 0.225 | 37.80 | |
| | 30.00 | 33.00 | 1 | 3.00 | 5.50 | 5.50 | 5.50 | 0.225 | 3.71 | |
| | **Shivashankar layout 4th main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.225 | 20.59 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.10 | 3.10 | 0.225 | 20.93 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.225 | 20.59 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.225 | 20.25 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.225 | 20.59 | |
| | 150.00 | 170.00 | 1 | 20.00 | 3.00 | 3.00 | 3.00 | 0.225 | 13.50 | |
| | | | | | | | | **Total Qty Work Done** | **2342.30** | **Cum** |
| | | | | | | | | **Qty Payable in this bill** | **2342.30** | **Cum** |
| | | | | | | | | **Qty Paid in 1st Bill** | **4859.82** | **Cum** |
| | | | | | | | | **Total Qty** | **7202.12** | **Cum** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **2342.30** | **Cum** |

Contractor Representative

Consultant Representative

NEWLEN CONSULTANT BANGALORE

Asst.Engineer

Asst.Executive Engineer

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ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: **13**

Item Name: KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and sparying primer at the rte of 0.60 kg /sqm using mechanical means complete as per specifications with all lead and lift and as per the direction of Engineer in-charge

Premeasurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Palanahalli 25th cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 30.00 | 50.00 | 1 | 20.00 | 7.50 | 7.50 | 7.50 | | 150.00 | |
| | 50.00 | 80.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 80.00 | 110.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 110.00 | 122.50 | 1 | 12.50 | 7.50 | 7.50 | 7.50 | | 93.75 | |
| | 122.50 | 152.50 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 152.50 | 159.10 | 1 | 6.60 | 7.50 | 7.50 | 7.50 | | 49.50 | |
| | 159.10 | 165.80 | 1 | 6.70 | 7.50 | 7.50 | 7.50 | | 50.25 | |
| | 165.80 | 174.50 | 1 | 8.70 | 7.50 | 7.50 | 7.50 | | 65.25 | |
| | 174.50 | 190.90 | 1 | 16.40 | 7.50 | 7.50 | 7.50 | | 123.00 | |
| | 190.90 | 199.30 | 1 | 8.40 | 7.50 | 7.50 | 7.50 | | 63.00 | |
| | 199.30 | 229.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 229.30 | 247.30 | 1 | 18.00 | 7.50 | 7.50 | 7.50 | | 135.00 | |
| | 247.30 | 277.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 277.30 | 307.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 307.30 | 337.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 337.30 | 367.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 367.30 | 397.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 397.30 | 427.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 427.30 | 457.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 457.30 | 487.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 487.30 | 517.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 517.30 | 536.30 | 1 | 19.00 | 7.50 | 7.50 | 7.50 | | 142.50 | |
| | **Bhagath enclave 2nd cross** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 6.60 | 6.80 | | 204.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 6.40 | 6.50 | | 195.00 | |
| | 60.00 | 89.00 | 1 | 29.00 | 6.40 | 6.30 | 6.35 | | 184.15 | |
| | **Bindu layout cross road 1** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 90.00 | 97.00 | 1 | 7.00 | 6.00 | 5.10 | 5.55 | | 38.85 | |

5184.25

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Bindu layout cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 5.60 | 5.30 | | 159.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.60 | 5.50 | 5.55 | | 166.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 5.50 | 5.30 | 5.40 | | 162.00 | |
| | 90.00 | 95.50 | 1 | 5.50 | 5.30 | 5.50 | 5.40 | | 29.70 | |
| | **Bindu layout cross road 3** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 5.80 | 5.90 | | 177.00 | |
| | 60.00 | 67.00 | 1 | 7.00 | 5.80 | 5.30 | 5.55 | | 38.85 | |
| | **Bindu layout cross road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 90.00 | 104.00 | 1 | 14.00 | 4.50 | 4.50 | 4.50 | | 63.00 | |
| | **Kattigenahalli main road towards 2nd main road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.20 | 5.30 | 5.75 | | 172.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.30 | 5.55 | 5.43 | | 162.75 | |
| | 60.00 | 80.00 | 1 | 20.00 | 5.10 | 7.10 | 6.10 | | 122.00 | |
| | 80.00 | 98.00 | 1 | 18.00 | 9.50 | 11.00 | 10.25 | | 184.50 | |
| | 98.00 | 120.00 | 1 | 22.00 | 11.00 | 6.40 | 8.70 | | 191.40 | |
| | 120.00 | 150.00 | 1 | 30.00 | 5.70 | 5.30 | 5.50 | | 165.00 | |
| | 150.00 | 180.00 | 1 | 30.00 | 5.30 | 7.50 | 6.40 | | 192.00 | |
| | 180.00 | 210.00 | 1 | 30.00 | 7.70 | 5.50 | 6.60 | | 198.00 | |
| | 210.00 | 240.00 | 1 | 30.00 | 5.50 | 8.80 | 7.15 | | 214.50 | |
| | 240.00 | 250.00 | 1 | 10.00 | 8.80 | 7.20 | 8.00 | | 80.00 | |
| | 250.00 | 280.00 | 1 | 30.00 | 7.20 | 6.60 | 6.90 | | 207.00 | |
| | 280.00 | 310.00 | 1 | 30.00 | 6.60 | 6.00 | 6.30 | | 189.00 | |
| | 310.00 | 330.00 | 1 | 20.00 | 6.00 | 8.20 | 7.10 | | 142.00 | |
| | 330.00 | 336.00 | 1 | 6.00 | 8.20 | 10.00 | 9.10 | | 54.60 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.20 | 4.40 | 4.80 | | 144.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.40 | 4.40 | 4.40 | | 132.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.40 | 4.50 | 4.45 | | 133.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.70 | 4.60 | | 138.00 | |
| | 120.00 | 134.00 | 1 | 14.00 | 4.70 | 5.80 | 5.25 | | 73.50 | |
| | 134.00 | 164.00 | 1 | 30.00 | 5.80 | 6.70 | 6.25 | | 187.50 | |
| | 164.00 | 194.00 | 1 | 30.00 | 6.70 | 6.60 | 6.65 | | 199.50 | |
| | 194.00 | 224.00 | 1 | 30.00 | 6.60 | 6.30 | 6.45 | | 193.50 | |
| | 224.00 | 254.00 | 1 | 30.00 | 6.30 | 6.40 | 6.35 | | 190.50 | |
| | 254.00 | 284.00 | 1 | 30.00 | 6.40 | 6.00 | 6.20 | | 186.00 | |
| | 284.00 | 314.00 | 1 | 30.00 | 6.00 | 7.00 | 6.50 | | 195.00 | |
| | 314.00 | 344.00 | 1 | 30.00 | 7.00 | 6.50 | 6.75 | | 202.50 | |
| | 344.00 | 374.00 | 1 | 30.00 | 6.50 | 6.50 | 6.50 | | 195.00 | |
| | 374.00 | 404.00 | 1 | 30.00 | 6.50 | 7.00 | 6.75 | | 202.50 | |
| | 404.00 | 409.40 | 1 | 5.40 | 7.00 | 7.50 | 7.25 | | 39.15 | |

6068.45

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | **Kattigenahalli Cross road 1** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.00 | 3.90 | 3.95 | | 118.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.90 | 4.30 | 4.10 | | 123.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 4.50 | 4.40 | | 132.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.20 | 4.35 | | 130.50 | |
| | 120.00 | 124.40 | 1 | 4.40 | 4.20 | 4.20 | 4.20 | | 18.48 | |
| | **Kattigenahalli Cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.40 | 4.60 | 4.50 | | 135.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.60 | 4.30 | 4.45 | | 133.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 5.30 | 4.80 | | 144.00 | |
| | 90.00 | 106.00 | 1 | 16.00 | 5.30 | 3.10 | 4.20 | | 67.20 | |
| | 106.00 | 112.00 | 1 | 6.00 | 3.10 | 2.90 | 3.00 | | 18.00 | |
| | 112.00 | 123.00 | 1 | 11.00 | 2.90 | 4.40 | 3.65 | | 40.15 | |
| | **ALFA School road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.30 | 3.70 | 5.00 | | 150.00 | |
| | 30.00 | 30.60 | 1 | 0.60 | 3.70 | 3.70 | 3.70 | | 2.22 | |
| | 30.60 | 32.00 | 1 | 1.40 | | | | | | culvert width |
| | 32.00 | 62.00 | 1 | 30.00 | 3.70 | 5.00 | 4.35 | | 130.50 | |
| | 62.00 | 83.00 | 1 | 21.00 | 5.00 | 5.80 | 5.40 | | 113.40 | |
| | 83.00 | 113.00 | 1 | 30.00 | 5.80 | 5.80 | 5.80 | | 174.00 | |
| | 113.00 | 143.00 | 1 | 30.00 | 5.80 | 5.70 | 5.75 | | 172.50 | |
| | 143.00 | 164.00 | 1 | 21.00 | 5.70 | 4.50 | 5.10 | | 107.10 | |
| | **ALFA School cross road 1** | | | | | | | | | |
| | 0.00 | 13.00 | 1 | 13.00 | 5.80 | 5.80 | 5.80 | | 75.40 | |
| | **ALFA School cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.70 | 5.70 | | 171.00 | |
| | 30.00 | 35.00 | 1 | 5.00 | 5.70 | 7.30 | 6.50 | | 32.50 | |
| | **Kattigenahalli TO Palanahalli Road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.20 | 2.80 | 3.00 | | 90.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 2.80 | 3.10 | 2.95 | | 88.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.10 | 3.40 | 3.25 | | 97.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.40 | 3.00 | 3.20 | | 96.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.00 | 3.30 | 3.15 | | 94.50 | |
| | 150.00 | 180.00 | 1 | 30.00 | 3.30 | 3.20 | 3.25 | | 97.50 | |
| | 180.00 | 210.00 | 1 | 30.00 | 3.20 | 2.80 | 3.00 | | 90.00 | |
| | 210.00 | 240.00 | 1 | 30.00 | 2.80 | 2.90 | 2.85 | | 85.50 | |
| | 240.00 | 270.00 | 1 | 30.00 | 2.90 | 2.50 | 2.70 | | 81.00 | |
| | 270.00 | 300.00 | 1 | 30.00 | 2.50 | 2.60 | 2.55 | | 76.50 | |
| | 300.00 | 330.00 | 1 | 30.00 | 2.60 | 2.80 | 2.70 | | 81.00 | |
| | 330.00 | 360.00 | 1 | 30.00 | 2.80 | 3.20 | 3.00 | | 90.00 | |
| | 360.00 | 390.00 | 1 | 30.00 | 3.20 | 3.30 | 3.25 | | 97.50 | |
| | 390.00 | 420.00 | 1 | 30.00 | 3.30 | 2.90 | 3.10 | | 93.00 | |
| | 420.00 | 450.00 | 1 | 30.00 | 2.90 | 2.90 | 2.90 | | 87.00 | |
| | 450.00 | 480.00 | 1 | 30.00 | 2.90 | 3.20 | 3.05 | | 91.50 | |
| | 480.00 | 510.00 | 1 | 30.00 | 3.20 | 2.50 | 2.85 | | 85.50 | |

C&FC 23/5/22

C&FC 26/5/22

37 11.45

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 510.00 | 540.00 | 1 | 30.00 | 2.50 | 3.00 | 2.75 | | 82.50 | |
| | 540.00 | 570.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 570.00 | 600.00 | 1 | 30.00 | 3.00 | 3.40 | 3.20 | | 96.00 | |
| | 600.00 | 630.00 | 1 | 30.00 | 3.40 | 3.10 | 3.25 | | 97.50 | |
| | 630.00 | 660.00 | 1 | 30.00 | 3.10 | 3.10 | 3.10 | | 93.00 | |
| | 660.00 | 690.00 | 1 | 30.00 | 3.10 | 2.80 | 2.95 | | 88.50 | |
| | 690.00 | 720.00 | 1 | 30.00 | 2.80 | 2.70 | 2.75 | | 82.50 | |
| | 720.00 | 750.00 | 1 | 30.00 | 2.70 | 3.20 | 2.95 | | 88.50 | |
| | 750.00 | 780.00 | 1 | 30.00 | 3.20 | 3.10 | 3.15 | | 94.50 | |
| | 780.00 | 810.00 | 1 | 30.00 | 3.10 | 2.90 | 3.00 | | 90.00 | |
| | 810.00 | 840.00 | 1 | 30.00 | 2.90 | 2.80 | 2.85 | | 85.50 | |
| | 840.00 | 870.00 | 1 | 30.00 | 2.80 | 2.50 | 2.65 | | 79.50 | |
| | 870.00 | 900.00 | 1 | 30.00 | 2.50 | 2.80 | 2.65 | | 79.50 | |
| | 900.00 | 930.00 | 1 | 30.00 | 2.80 | 2.90 | 2.85 | | 85.50 | |
| | 930.00 | 960.00 | 1 | 30.00 | 2.90 | 2.70 | 2.80 | | 84.00 | |
| | 960.00 | 990.00 | 1 | 30.00 | 2.70 | 3.30 | 3.00 | | 90.00 | 28/5/22 |
| | 990.00 | 1020.00 | 1 | 30.00 | 3.30 | 3.20 | 3.25 | | 97.50 | |
| | 1020.00 | 1050.00 | 1 | 30.00 | 3.20 | 3.10 | 3.15 | C&FC | 94.50 | |
| | 1050.00 | 1080.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | | 91.50 | |
| | 1080.00 | 1110.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 1110.00 | 1140.00 | 1 | 30.00 | 3.00 | 3.20 | 3.10 | | 93.00 | |
| | 1140.00 | 1170.00 | 1 | 30.00 | 3.20 | 3.40 | 3.30 | 28/5/22 | 99.00 | |
| | 1170.00 | 1200.00 | 1 | 30.00 | 3.40 | 3.40 | 3.40 | | 102.00 | |
| | 1200.00 | 1230.00 | 1 | 30.00 | 3.40 | 3.00 | 3.20 | | 96.00 | |
| | 1230.00 | 1250.00 | 1 | 20.00 | 3.00 | 3.00 | 3.00 | | 60.00 | |
| | 1250.00 | 1280.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 1280.00 | 1300.00 | 1 | 20.00 | 3.00 | 3.00 | 3.00 | | 60.00 | 2380.50 |
| | **For Profiel Correction** | | | | | | | | | |
| | **Kattigenahalli TO Palanahalli Road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.20 | 2.80 | 3.00 | | 90.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 2.80 | 3.10 | 2.95 | | 88.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.10 | 3.40 | 3.25 | | 97.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.40 | 3.00 | 3.20 | | 96.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.00 | 3.30 | 3.15 | | 94.50 | |
| | 150.00 | 180.00 | 1 | 30.00 | 3.30 | 3.20 | 3.25 | | 97.50 | |
| | 180.00 | 210.00 | 1 | 30.00 | 3.20 | 2.80 | 3.00 | | 90.00 | |
| | 210.00 | 240.00 | 1 | 30.00 | 2.80 | 2.90 | 2.85 | C&FC | 85.50 | |
| | 240.00 | 270.00 | 1 | 30.00 | 2.90 | 2.50 | 2.70 | | 81.00 | |
| | 270.00 | 300.00 | 1 | 30.00 | 2.50 | 2.60 | 2.55 | | 76.50 | 30/5/22 |
| | 300.00 | 330.00 | 1 | 30.00 | 2.60 | 2.80 | 2.70 | 30/5/22 | 81.00 | |
| | 330.00 | 360.00 | 1 | 30.00 | 2.80 | 3.20 | 3.00 | | 90.00 | |
| | 360.00 | 390.00 | 1 | 30.00 | 3.20 | 3.30 | 3.25 | | 97.50 | |
| | 390.00 | 420.00 | 1 | 30.00 | 3.30 | 2.90 | 3.10 | | 93.00 | |
| | 420.00 | 450.00 | 1 | 30.00 | 2.90 | 2.90 | 2.90 | | 87.00 | |
| | 450.00 | 480.00 | 1 | 30.00 | 2.90 | 3.20 | 3.05 | | 91.50 | |

~~238~~ 1437

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 480.00 | 510.00 | 1 | 30.00 | 3.20 | 2.50 | 2.85 | | 85.50 | |
| | 510.00 | 540.00 | 1 | 30.00 | 2.50 | 3.00 | 2.75 | | 82.50 | |
| | 540.00 | 570.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 570.00 | 600.00 | 1 | 30.00 | 3.00 | 3.40 | 3.20 | | 96.00 | |
| | 600.00 | 630.00 | 1 | 30.00 | 3.40 | 3.10 | 3.25 | | 97.50 | |
| | 630.00 | 660.00 | 1 | 30.00 | 3.10 | 3.10 | 3.10 | | 93.00 | |
| | 660.00 | 690.00 | 1 | 30.00 | 3.10 | 2.80 | 2.95 | | 88.50 | |
| | 690.00 | 720.00 | 1 | 30.00 | 2.80 | 2.70 | 2.75 | | 82.50 | |
| | 720.00 | 750.00 | 1 | 30.00 | 2.70 | 3.20 | 2.95 | | 88.50 | |
| | 750.00 | 780.00 | 1 | 30.00 | 3.20 | 3.10 | 3.15 | | 94.50 | |
| | 780.00 | 810.00 | 1 | 30.00 | 3.10 | 2.90 | 3.00 | | 90.00 | |
| | 810.00 | 840.00 | 1 | 30.00 | 2.90 | 2.80 | 2.85 | | 85.50 | |
| | 840.00 | 870.00 | 1 | 30.00 | 2.80 | 2.50 | 2.65 | | 79.50 | |
| | 870.00 | 900.00 | 1 | 30.00 | 2.50 | 2.80 | 2.65 | | 79.50 | |
| | 900.00 | 930.00 | 1 | 30.00 | 2.80 | 2.90 | 2.85 | C&FC | 85.50 | |
| | 930.00 | 960.00 | 1 | 30.00 | 2.90 | 2.70 | 2.80 | | 84.00 | |
| | 960.00 | 990.00 | 1 | 30.00 | 2.70 | 3.30 | 3.00 | | 90.00 | |
| | 990.00 | 1020.00 | 1 | 30.00 | 3.30 | 3.20 | 3.25 | 1/6/2021 | 97.50 | |
| | 1020.00 | 1050.00 | 1 | 30.00 | 3.20 | 3.10 | 3.15 | | 94.50 | |
| | 1050.00 | 1080.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | | 91.50 | |
| | 1080.00 | 1110.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 1110.00 | 1140.00 | 1 | 30.00 | 3.00 | 3.20 | 3.10 | | 93.00 | |
| | 1140.00 | 1170.00 | 1 | 30.00 | 3.20 | 3.40 | 3.30 | | 99.00 | |
| | 1170.00 | 1200.00 | 1 | 30.00 | 3.40 | 3.40 | 3.40 | | 102.00 | |
| | 1200.00 | 1230.00 | 1 | 30.00 | 3.40 | 3.00 | 3.20 | | 96.00 | |
| | 1230.00 | 1250.00 | 1 | 20.00 | 3.00 | 3.00 | 3.00 | | 60.00 | |
| | 1250.00 | 1280.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 1280.00 | 1300.00 | 1 | 20.00 | 3.00 | 3.00 | 2.95 | | 59.00 | |
| | **Cross Road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | | 196.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | | 187.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | C&FC | 130.00 | |
| | **Cross Road B** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | | 196.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | | 187.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 2/6/2021 | 180.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | | 130.00 | |
| | **Shivashankar layout 3rd main** | | | | | | | | | |

4969.00.

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | | 91.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | | 91.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | | 91.50 | |
| | 150.00 | 171.40 | 1 | 21.40 | 3.10 | 3.00 | 3.05 | | 65.27 | |
| | **Shivashankar layout 2nd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 7.25 | 7.13 | | 213.75 | |
| | 30.00 | 60.00 | 1 | 30.00 | 7.25 | 6.80 | 7.03 | | 210.75 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.80 | 7.20 | 7.00 | | 210.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.20 | 7.30 | 7.25 | | 217.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 7.30 | 7.10 | 7.20 | | 216.00 | |
| | 150.00 | 171.60 | 1 | 21.60 | 7.10 | 6.60 | 6.85 | | 147.96 | |
| | **Shivashankar layout cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.50 | 5.60 | | 168.00 | |
| | 30.00 | 33.00 | 1 | 3.00 | 5.50 | 5.50 | 5.50 | | 16.50 | |
| | **Shivashankar layout 4th main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | | 91.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.10 | 3.10 | | 93.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | | 91.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | | 90.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | | 91.50 | |
| | 150.00 | 170.00 | 1 | 20.00 | 3.00 | 3.00 | 3.00 | | 60.00 | |
| | | | | | | | | **Total Qty Work Done** | **26188.38** | **Sqm** |
| | | | | | | | | **Qty Payable in this bill** | **26188.38** | **Sqm** |
| | | | | | | | | **Qty Paid in 1st Bill** | **8882.19** | **Sqm** |
| | | | | | | | | **Total Qty** | **35070.57** | **Sqm** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **26188.38** | **Sqm** |

Contractor Representative

Consultant Representative

NEWLEN CONSULTANT BANGALORE

Asst.Engineer

Asst.Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

| Item No: | 14 |
|---|---|
| Item Name: | KSRRB 500-2 : Cleaning the existing black topped surfce with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of material, labour, HOM curing, complete as per specificatioons.(P.No158.1, I.No-21.12,KPWD SR2018-19) |

Premeasurement recorded on:

| SL NO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Palanahalli 25th cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 30.00 | 50.00 | 1 | 20.00 | 7.50 | 7.50 | 7.50 | | 150.00 | |
| | 50.00 | 80.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 80.00 | 110.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 110.00 | 122.50 | 1 | 12.50 | 7.50 | 7.50 | 7.50 | | 93.75 | |
| | 122.50 | 152.50 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 152.50 | 159.10 | 1 | 6.60 | 7.50 | 7.50 | 7.50 | | 49.50 | |
| | 159.10 | 165.80 | 1 | 6.70 | 7.50 | 7.50 | 7.50 | | 50.25 | |
| | 165.80 | 174.50 | 1 | 8.70 | 7.50 | 7.50 | 7.50 | | 65.25 | |
| | 174.50 | 190.90 | 1 | 16.40 | 7.50 | 7.50 | 7.50 | | 123.00 | |
| | 190.90 | 199.30 | 1 | 8.40 | 7.50 | 7.50 | 7.50 | C&FC | 63.00 | |
| | 199.30 | 229.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 229.30 | 247.30 | 1 | 18.00 | 7.50 | 7.50 | 7.50 | | 135.00 | |
| | 247.30 | 277.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 277.30 | 307.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 307.30 | 337.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 337.30 | 367.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 367.30 | 397.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 397.30 | 427.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 427.30 | 457.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 457.30 | 487.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 487.30 | 517.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 517.30 | 536.30 | 1 | 19.00 | 7.50 | 7.50 | 7.50 | C&FC | 142.50 | |
| | **Bhagath enclave 2nd cross** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 6.60 | 6.80 | | 204.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 6.40 | 6.50 | | 195.00 | |
| | 60.00 | 89.00 | 1 | 29.00 | 6.40 | 6.30 | 6.35 | | 184.15 | |
| | **Bindu layout cross road 1** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |

478540

| SL NO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 90.00 | 97.00 | 1 | 7.00 | 6.00 | 5.10 | 5.55 | | 38.85 | |
| | **Bindu layout cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 5.60 | 5.30 | | 159.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.60 | 5.50 | 5.55 | | 166.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 5.50 | 5.30 | 5.40 | | 162.00 | |
| | 90.00 | 95.50 | 1 | 5.50 | 5.30 | 5.50 | 5.40 | | 29.70 | |
| | **Bindu layout cross road 3** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 5.80 | 5.90 | | 177.00 | |
| | 60.00 | 67.00 | 1 | 7.00 | 5.80 | 5.30 | 5.55 | | 38.85 | |
| | **Bindu layout cross road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 90.00 | 104.00 | 1 | 14.00 | 4.50 | 4.50 | 4.50 | | 63.00 | |
| | **Kattigenahalli main road towards 2nd main road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.20 | 5.30 | 5.75 | | 172.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.30 | 5.55 | 5.43 | | 162.75 | |
| | 60.00 | 80.00 | 1 | 20.00 | 5.10 | 7.10 | 6.10 | | 122.00 | |
| | 80.00 | 98.00 | 1 | 18.00 | 9.50 | 11.00 | 10.25 | | 184.50 | |
| | 98.00 | 120.00 | 1 | 22.00 | 11.00 | 6.40 | 8.70 | | 191.40 | |
| | 120.00 | 150.00 | 1 | 30.00 | 5.70 | 5.30 | 5.50 | | 165.00 | |
| | 150.00 | 180.00 | 1 | 30.00 | 5.30 | 7.50 | 6.40 | | 192.00 | |
| | 180.00 | 210.00 | 1 | 30.00 | 7.70 | 5.50 | 6.60 | | 198.00 | |
| | 210.00 | 240.00 | 1 | 30.00 | 5.50 | 8.80 | 7.15 | | 214.50 | |
| | 240.00 | 250.00 | 1 | 10.00 | 8.80 | 7.20 | 8.00 | | 80.00 | |
| | 250.00 | 280.00 | 1 | 30.00 | 7.20 | 6.60 | 6.90 | | 207.00 | |
| | 280.00 | 310.00 | 1 | 30.00 | 6.60 | 6.00 | 6.30 | | 189.00 | |
| | 310.00 | 330.00 | 1 | 20.00 | 6.00 | 8.20 | 7.10 | | 142.00 | |
| | 330.00 | 336.00 | 1 | 6.00 | 8.20 | 10.00 | 9.10 | | 54.60 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.20 | 4.40 | 4.80 | | 144.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.40 | 4.40 | 4.40 | | 132.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.40 | 4.50 | 4.45 | | 133.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.70 | 4.60 | | 138.00 | |
| | 120.00 | 134.00 | 1 | 14.00 | 4.70 | 5.80 | 5.25 | | 73.50 | |
| | 134.00 | 164.00 | 1 | 30.00 | 5.80 | 6.70 | 6.25 | | 187.50 | |
| | 164.00 | 194.00 | 1 | 30.00 | 6.70 | 6.60 | 6.65 | | 199.50 | |
| | 194.00 | 224.00 | 1 | 30.00 | 6.60 | 6.30 | 6.45 | | 193.50 | |
| | 224.00 | 254.00 | 1 | 30.00 | 6.30 | 6.40 | 6.35 | | 190.50 | |
| | 254.00 | 284.00 | 1 | 30.00 | 6.40 | 6.00 | 6.20 | | 186.00 | |
| | 284.00 | 314.00 | 1 | 30.00 | 6.00 | 7.00 | 6.50 | | 195.00 | |
| | 314.00 | 344.00 | 1 | 30.00 | 7.00 | 6.50 | 6.75 | | 202.50 | |

6030.65

C/FC 20/5/2021

C/FC 21/5/2021

| SL NO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 344.00 | 374.00 | 1 | 30.00 | 6.50 | 6.50 | 6.50 | | 195.00 | |
| | 374.00 | 404.00 | 1 | 30.00 | 6.50 | 7.00 | 6.75 | | 202.50 | |
| | 404.00 | 409.40 | 1 | 5.40 | 7.00 | 7.50 | 7.25 | | 39.15 | |
| | **Kattigenahalli Cross road 1** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.00 | 3.90 | 3.95 | | 118.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.90 | 4.30 | 4.10 | | 123.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 4.50 | 4.40 | | 132.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.20 | 4.35 | | 130.50 | |
| | 120.00 | 124.40 | 1 | 4.40 | 4.20 | 4.20 | 4.20 | | 18.48 | |
| | **Kattigenahalli Cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.40 | 4.60 | 4.50 | | 135.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.60 | 4.30 | 4.45 | | 133.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 5.30 | 4.80 | | 144.00 | |
| | 90.00 | 106.00 | 1 | 16.00 | 5.30 | 3.10 | 4.20 | | 67.20 | |
| | 106.00 | 112.00 | 1 | 6.00 | 3.10 | 2.90 | 3.00 | | 18.00 | |
| | 112.00 | 123.00 | 1 | 11.00 | 2.90 | 4.40 | 3.65 | | 40.15 | |
| | **ALFA School road** | | | | | | | | 0.00 | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.30 | 3.70 | 5.00 | | 150.00 | |
| | 30.00 | 30.60 | 1 | 0.60 | 3.70 | 3.70 | 3.70 | | 2.22 | |
| | 30.60 | 32.00 | 1 | 1.40 | | | | | | culvert width |
| | 32.00 | 62.00 | 1 | 30.00 | 3.70 | 5.00 | 4.35 | | 130.50 | |
| | 62.00 | 83.00 | 1 | 21.00 | 5.00 | 5.80 | 5.40 | | 113.40 | |
| | 83.00 | 113.00 | 1 | 30.00 | 5.80 | 5.80 | 5.80 | | 174.00 | |
| | 113.00 | 143.00 | 1 | 30.00 | 5.80 | 5.70 | 5.75 | | 172.50 | |
| | 143.00 | 164.00 | 1 | 21.00 | 5.70 | 4.50 | 5.10 | | 107.10 | |
| | **ALFA School cross road 1** | | | | | | | | | |
| | 0.00 | 13.00 | 1 | 13.00 | 5.80 | 5.80 | 5.80 | | 75.40 | |
| | **ALFA School cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.70 | 5.70 | | 171.00 | |
| | 30.00 | 35.00 | 1 | 5.00 | 5.70 | 7.30 | 6.50 | | 32.50 | |
| | **Kattigenahalli TO Palanahalli Road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 9.20 | 9.00 | 9.10 | | 273.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 9.00 | 8.90 | 8.95 | | 268.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 8.90 | 7.90 | 8.40 | | 252.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.90 | 10.00 | 8.95 | | 268.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 10.00 | 11.50 | 10.75 | | 322.50 | |
| | 150.00 | 180.00 | 1 | 30.00 | 11.50 | 8.70 | 10.10 | | 303.00 | |
| | 180.00 | 210.00 | 1 | 30.00 | 8.70 | 9.60 | 9.15 | | 274.50 | |
| | 210.00 | 240.00 | 1 | 30.00 | 9.60 | 9.60 | 9.60 | | 288.00 | |
| | 240.00 | 270.00 | 1 | 30.00 | 9.60 | 8.30 | 8.95 | | 268.50 | |
| | 270.00 | 300.00 | 1 | 30.00 | 8.30 | 8.70 | 8.50 | | 255.00 | |
| | 300.00 | 330.00 | 1 | 30.00 | 8.70 | 7.80 | 8.25 | | 247.50 | |
| | 330.00 | 360.00 | 1 | 30.00 | 7.80 | 7.80 | 7.80 | | 234.00 | |
| | 360.00 | 390.00 | 1 | 30.00 | 7.80 | 9.60 | 8.70 | | 261.00 | |

6141.60

| SL NO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 390.00 | 420.00 | 1 | 30.00 | 9.60 | 9.30 | 9.45 | | 283.50 | |
| | 420.00 | 450.00 | 1 | 30.00 | 9.30 | 8.60 | 8.95 | | 268.50 | |
| | 450.00 | 480.00 | 1 | 30.00 | 8.60 | 10.30 | 9.45 | | 283.50 | |
| | 480.00 | 510.00 | 1 | 30.00 | 10.30 | 8.70 | 9.50 | | 285.00 | |
| | 510.00 | 540.00 | 1 | 30.00 | 8.70 | 9.70 | 9.20 | | 276.00 | |
| | 540.00 | 570.00 | 1 | 30.00 | 9.70 | 10.70 | 10.20 | | 306.00 | |
| | 570.00 | 600.00 | 1 | 30.00 | 10.70 | 10.00 | 10.35 | | 310.50 | |
| | 600.00 | 630.00 | 1 | 30.00 | 10.00 | 13.00 | 11.50 | | 345.00 | |
| | 630.00 | 660.00 | 1 | 30.00 | 13.00 | 9.50 | 11.25 | | 337.50 | |
| | 660.00 | 690.00 | 1 | 30.00 | 9.50 | 8.50 | 9.00 | | 270.00 | |
| | 690.00 | 720.00 | 1 | 30.00 | 8.50 | 13.20 | 10.85 | | 325.50 | |
| | 720.00 | 750.00 | 1 | 30.00 | 13.20 | 9.20 | 11.20 | | 336.00 | |
| | 750.00 | 780.00 | 1 | 30.00 | 9.20 | 7.60 | 8.40 | | 252.00 | |
| | 780.00 | 810.00 | 1 | 30.00 | 7.60 | 7.50 | 7.55 | | 226.50 | |
| | 810.00 | 840.00 | 1 | 30.00 | 7.50 | 9.50 | 8.50 | | 255.00 | |
| | 840.00 | 870.00 | 1 | 30.00 | 9.50 | 8.40 | 8.95 | | 268.50 | |
| | 870.00 | 900.00 | 1 | 30.00 | 8.40 | 8.00 | 8.20 | | 246.00 | |
| | 900.00 | 930.00 | 1 | 30.00 | 8.00 | 7.70 | 7.85 | | 235.50 | |
| | 930.00 | 960.00 | 1 | 30.00 | 7.70 | 8.30 | 8.00 | | 240.00 | |
| | 960.00 | 990.00 | 1 | 30.00 | 8.30 | 7.50 | 7.90 | | 237.00 | |
| | 990.00 | 1020.00 | 1 | 30.00 | 7.50 | 7.00 | 7.25 | | 217.50 | |
| | 1020.00 | 1050.00 | 1 | 30.00 | 7.00 | 8.20 | 7.60 | | 228.00 | |
| | 1050.00 | 1080.00 | 1 | 30.00 | 8.20 | 10.80 | 9.50 | | 285.00 | |
| | 1080.00 | 1110.00 | 1 | 30.00 | 10.80 | 7.70 | 9.25 | | 277.50 | |
| | 1110.00 | 1140.00 | 1 | 30.00 | 7.70 | 8.40 | 8.05 | | 241.50 | |
| | 1140.00 | 1170.00 | 1 | 30.00 | 8.40 | 7.10 | 7.75 | | 232.50 | |
| | 1170.00 | 1200.00 | 1 | 30.00 | 7.10 | 7.40 | 7.25 | | 217.50 | |
| | 1200.00 | 1230.00 | 1 | 30.00 | 7.40 | 7.10 | 7.25 | | 217.50 | |
| | 1230.00 | 1250.00 | 1 | 20.00 | 7.10 | 6.80 | 6.95 | | 139.00 | |
| | 1250.00 | 1280.00 | 1 | 30.00 | 6.80 | 12.50 | 9.65 | | 289.50 | |
| | 1280.00 | 1300.00 | 1 | 20.00 | 12.50 | 9.60 | 11.05 | | 221.00 | |
| | **Cross Road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | | 196.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | | 187.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | | 130.00 | |
| | **Cross Road B** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | | 196.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | | 187.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |

10339

| SL NO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | | 130.00 | |
| | **Shivashankar layout 3rd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 6.70 | 5.85 | | 175.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.70 | 6.00 | 6.35 | | 190.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.70 | 6.35 | | 190.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.70 | 6.70 | 6.70 | | 201.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.70 | 6.60 | 6.65 | | 199.50 | |
| | 150.00 | 171.40 | 1 | 21.40 | 6.60 | 6.40 | 6.50 | | 139.10 | |
| | **Shivashankar layout 2nd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 7.25 | 7.13 | | 213.75 | |
| | 30.00 | 60.00 | 1 | 30.00 | 7.25 | 6.80 | 7.03 | | 210.75 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.80 | 7.20 | 7.00 | | 210.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.20 | 7.30 | 7.25 | | 217.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 7.30 | 7.10 | 7.20 | | 216.00 | |
| | 150.00 | 171.60 | 1 | 21.60 | 7.10 | 6.60 | 6.85 | | 147.96 | |
| | **Shivashankar layout cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.50 | 5.60 | | 168.00 | |
| | 30.00 | 33.00 | 1 | 3.00 | 5.50 | 5.50 | 5.50 | | 16.50 | |
| | **Shivashankar layout 4th main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 6.60 | 5.80 | | 174.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 4.50 | 5.55 | | 166.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.50 | 6.80 | 5.65 | | 169.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.80 | 4.70 | 5.75 | | 172.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.10 | 6.10 | 4.60 | | 138.00 | |
| | 150.00 | 170.00 | 1 | 20.00 | 6.10 | 5.75 | 5.93 | | 118.50 | |
| | | | | | | | | **Total Qty Work Done** | **31051.21** | **Sqm** |
| | | | | | | | | **Deducted prime coat area** | **26188.38** | **Sqm** |
| | | | | | | | | **Qty Payable in this bill** | **4862.83** | **Sqm** |
| | | | | | | | | **Qty Paid in 1st Bill** | **0.00** | **Sqm** |
| | | | | | | | | **Total Qty** | **4862.83** | **Sqm** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **4862.83** | **Sqm** |

Contractor Representative

NEWLEN CONSULTANT BANGALORE

Consultant Representative

10/6/24

Asst Engineer

10/6/24

Asst.Executive Engineer

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

| Item No: | 15 | |
|---|---|---|
| Item Name: | KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of materials , labour, HOM complete as per specification with all lead and lift and as per the direction of Engineer in-charge. | |

Premeasurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Palanahalli 25th cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 30.00 | 50.00 | 1 | 20.00 | 7.50 | 7.50 | 7.50 | | 150.00 | |
| | 50.00 | 80.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 80.00 | 110.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 110.00 | 122.50 | 1 | 12.50 | 7.50 | 7.50 | 7.50 | | 93.75 | |
| | 122.50 | 152.50 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 152.50 | 159.10 | 1 | 6.60 | 7.50 | 7.50 | 7.50 | | 49.50 | |
| | 159.10 | 165.80 | 1 | 6.70 | 7.50 | 7.50 | 7.50 | | 50.25 | |
| | 165.80 | 174.50 | 1 | 8.70 | 7.50 | 7.50 | 7.50 | C&FC | 65.25 | |
| | 174.50 | 190.90 | 1 | 16.40 | 7.50 | 7.50 | 7.50 | | 123.00 | 17/5/21 |
| | 190.90 | 199.30 | 1 | 8.40 | 7.50 | 7.50 | 7.50 | 2005 | 63.00 | |
| | 199.30 | 229.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 17/5/2021 | 225.00 | |
| | 229.30 | 247.30 | 1 | 18.00 | 7.50 | 7.50 | 7.50 | | 135.00 | |
| | 247.30 | 277.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 277.30 | 307.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 307.30 | 337.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 337.30 | 367.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 367.30 | 397.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 397.30 | 427.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 427.30 | 457.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 457.30 | 487.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 487.30 | 517.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | | 225.00 | |
| | 517.30 | 536.30 | 1 | 19.00 | 7.50 | 7.50 | 7.50 | | 142.50 | |
| | **Bhagath enclave 2nd cross** | | | | | | | C&FC | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 6.60 | 6.80 | 2005 | 204.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 6.40 | 6.50 | 18/5/2021 | 195.00 | |
| | 60.00 | 89.00 | 1 | 29.00 | 6.40 | 6.30 | 6.35 | | 184.15 | |
| | **Bindu layout cross road 1** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | 18/5/21 |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 90.00 | 97.00 | 1 | 7.00 | 6.00 | 5.10 | 5.55 | | 38.85 | |

5184.25

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | **Bindu layout cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 5.60 | 5.30 | | 159.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.60 | 5.50 | 5.55 | | 166.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 5.50 | 5.30 | 5.40 | | 162.00 | |
| | 90.00 | 95.50 | 1 | 5.50 | 5.30 | 5.50 | 5.40 | | 29.70 | |
| | **Bindu layout cross road 3** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 5.80 | 5.90 | | 177.00 | |
| | 60.00 | 67.00 | 1 | 7.00 | 5.80 | 5.30 | 5.55 | | 38.85 | 20/5/21 |
| | **Bindu layout cross road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | | 135.00 | |
| | 90.00 | 104.00 | 1 | 14.00 | 4.50 | 4.50 | 4.50 | | 63.00 | |
| | **Kattigenahalli main road towards 2nd main road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.20 | 5.30 | 5.75 | | 172.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.30 | 5.55 | 5.43 | C&F | 162.75 | |
| | 60.00 | 80.00 | 1 | 20.00 | 5.10 | 7.10 | 6.10 | | 122.00 | |
| | 80.00 | 98.00 | 1 | 18.00 | 9.50 | 11.00 | 10.25 | 20/5/21 | 184.50 | |
| | 98.00 | 120.00 | 1 | 22.00 | 11.00 | 6.40 | 8.70 | | 191.40 | |
| | 120.00 | 150.00 | 1 | 30.00 | 5.70 | 5.30 | 5.50 | | 165.00 | |
| | 150.00 | 180.00 | 1 | 30.00 | 5.30 | 7.50 | 6.40 | | 192.00 | |
| | 180.00 | 210.00 | 1 | 30.00 | 7.70 | 5.50 | 6.60 | | 198.00 | |
| | 210.00 | 240.00 | 1 | 30.00 | 5.50 | 8.80 | 7.15 | | 214.50 | |
| | 240.00 | 250.00 | 1 | 10.00 | 8.80 | 7.20 | 8.00 | | 80.00 | |
| | 250.00 | 280.00 | 1 | 30.00 | 7.20 | 6.60 | 6.90 | | 207.00 | |
| | 280.00 | 310.00 | 1 | 30.00 | 6.60 | 6.00 | 6.30 | | 189.00 | |
| | 310.00 | 330.00 | 1 | 20.00 | 6.00 | 8.20 | 7.10 | | 142.00 | |
| | 330.00 | 336.00 | 1 | 6.00 | 8.20 | 10.00 | 9.10 | | 54.60 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.20 | 4.40 | 4.80 | | 144.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.40 | 4.40 | 4.40 | | 132.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.40 | 4.50 | 4.45 | | 133.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.70 | 4.60 | | 138.00 | |
| | 120.00 | 134.00 | 1 | 14.00 | 4.70 | 5.80 | 5.25 | | 73.50 | |
| | 134.00 | 164.00 | 1 | 30.00 | 5.80 | 6.70 | 6.25 | | 187.50 | |
| | 164.00 | 194.00 | 1 | 30.00 | 6.70 | 6.60 | 6.65 | C&F | 199.50 | |
| | 194.00 | 224.00 | 1 | 30.00 | 6.60 | 6.30 | 6.45 | | 193.50 | |
| | 224.00 | 254.00 | 1 | 30.00 | 6.30 | 6.40 | 6.35 | 20/5/21 | 190.50 | |
| | 254.00 | 284.00 | 1 | 30.00 | 6.40 | 6.00 | 6.20 | 21/5/21 | 186.00 | 21/5/21 |
| | 284.00 | 314.00 | 1 | 30.00 | 6.00 | 7.00 | 6.50 | | 195.00 | |
| | 314.00 | 344.00 | 1 | 30.00 | 7.00 | 6.50 | 6.75 | | 202.50 | |
| | 344.00 | 374.00 | 1 | 30.00 | 6.50 | 6.50 | 6.50 | | 195.00 | |
| | 374.00 | 404.00 | 1 | 30.00 | 6.50 | 7.00 | 6.75 | | 202.50 | |
| | 404.00 | 409.40 | 1 | 5.40 | 7.00 | 7.50 | 7.25 | | 39.15 | |

6029.30

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Kattigenahalli Cross road 1** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.00 | 3.90 | 3.95 | | 118.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.90 | 4.30 | 4.10 | | 123.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 4.50 | 4.40 | | 132.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.20 | 4.35 | | 130.50 | |
| | 120.00 | 124.40 | 1 | 4.40 | 4.20 | 4.20 | 4.20 | | 18.48 | |
| | **Kattigenahalli Cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.40 | 4.60 | 4.50 | | 135.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.60 | 4.30 | 4.45 | | 133.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 5.30 | 4.80 | | 144.00 | |
| | 90.00 | 106.00 | 1 | 16.00 | 5.30 | 3.10 | 4.20 | CBFC | 67.20 | |
| | 106.00 | 112.00 | 1 | 6.00 | 3.10 | 2.90 | 3.00 | | 18.00 | |
| | 112.00 | 123.00 | 1 | 11.00 | 2.90 | 4.40 | 3.65 | 2225 23/5/2021 | 40.15 | 23/5/21 |
| | **ALFA School road** | | | | | | | | 0.00 × | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.30 | 3.70 | 5.00 | | 150.00 | |
| | 30.00 | 30.60 | 1 | 0.60 | 3.70 | 3.70 | 3.70 | | 2.22 | |
| | 30.60 | 32.00 | 1 | 1.40 | | | | | | culvert width |
| | 32.00 | 62.00 | 1 | 30.00 | 3.70 | 5.00 | 4.35 | | 130.50 | |
| | 62.00 | 83.00 | 1 | 21.00 | 5.00 | 5.80 | 5.40 | | 113.40 | |
| | 83.00 | 113.00 | 1 | 30.00 | 5.80 | 5.80 | 5.80 | | 174.00 | |
| | 113.00 | 143.00 | 1 | 30.00 | 5.80 | 5.70 | 5.75 | | 172.50 | |
| | 143.00 | 164.00 | 1 | 21.00 | 5.70 | 4.50 | 5.10 | | 107.10 | |
| | **ALFA School cross road 1** | | | | | | | | | |
| | 0.00 | 13.00 | 1 | 13.00 | 5.80 | 5.80 | 5.80 | | 75.40 | |
| | **ALFA School cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.70 | 5.70 | | 171.00 | |
| | 30.00 | 35.00 | 1 | 5.00 | 5.70 | 7.30 | 6.50 | | 32.50 | |
| | **Kattigenahalli TO Palanahalli Road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 9.20 | 9.00 | 9.10 | | 273.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 9.00 | 8.90 | 8.95 | CBFC | 268.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 8.90 | 7.90 | 8.40 | | 252.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.90 | 10.00 | 8.95 | 2225 | 268.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 10.00 | 11.50 | 10.75 | | 322.50 | |
| | 150.00 | 180.00 | 1 | 30.00 | 11.50 | 8.70 | 10.10 | 26/5/2021 | 303.00 | |
| | 180.00 | 210.00 | 1 | 30.00 | 8.70 | 9.60 | 9.15 | | 274.50 | |
| | 210.00 | 240.00 | 1 | 30.00 | 9.60 | 9.60 | 9.60 | | 288.00 | 26/5/21 |
| | 240.00 | 270.00 | 1 | 30.00 | 9.60 | 8.30 | 8.95 | | 268.50 | |
| | 270.00 | 300.00 | 1 | 30.00 | 8.30 | 8.70 | 8.50 | | 255.00 | |
| | 300.00 | 330.00 | 1 | 30.00 | 8.70 | 7.80 | 8.25 | | 247.50 | |
| | 330.00 | 360.00 | 1 | 30.00 | 7.80 | 7.80 | 7.80 | | 234.00 | |
| | 360.00 | 390.00 | 1 | 30.00 | 7.80 | 9.60 | 8.70 | | 261.00 | |
| | 390.00 | 420.00 | 1 | 30.00 | 9.60 | 9.30 | 9.45 | | 283.50 | |
| | 420.00 | 450.00 | 1 | 30.00 | 9.30 | 8.60 | 8.95 | | 268.50 | |
| | 450.00 | 480.00 | 1 | 30.00 | 8.60 | 10.30 | 9.45 | | 283.50 | |
| | 480.00 | 510.00 | 1 | 30.00 | 10.30 | 8.70 | 9.50 | | 285.00 | |

6864.60

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 510.00 | 540.00 | 1 | 30.00 | 8.70 | 9.70 | 9.20 | | 276.00 | |
| | 540.00 | 570.00 | 1 | 30.00 | 9.70 | 10.70 | 10.20 | | 306.00 | |
| | 570.00 | 600.00 | 1 | 30.00 | 10.70 | 10.00 | 10.35 | | 310.50 | |
| | 600.00 | 630.00 | 1 | 30.00 | 10.00 | 13.00 | 11.50 | | 345.00 | |
| | 630.00 | 660.00 | 1 | 30.00 | 13.00 | 9.50 | 11.25 | | 337.50 | |
| | 660.00 | 690.00 | 1 | 30.00 | 9.50 | 8.50 | 9.00 | | 270.00 | |
| | 690.00 | 720.00 | 1 | 30.00 | 8.50 | 13.20 | 10.85 | | 325.50 | |
| | 720.00 | 750.00 | 1 | 30.00 | 13.20 | 9.20 | 11.20 | | 336.00 | |
| | 750.00 | 780.00 | 1 | 30.00 | 9.20 | 7.60 | 8.40 | | 252.00 | |
| | 780.00 | 810.00 | 1 | 30.00 | 7.60 | 7.50 | 7.55 | | 226.50 | |
| | 810.00 | 840.00 | 1 | 30.00 | 7.50 | 9.50 | 8.50 | | 255.00 | |
| | 840.00 | 870.00 | 1 | 30.00 | 9.50 | 8.40 | 8.95 | | 268.50 | |
| | 870.00 | 900.00 | 1 | 30.00 | 8.40 | 8.00 | 8.20 | | 246.00 | |
| | 900.00 | 930.00 | 1 | 30.00 | 8.00 | 7.70 | 7.85 | | 235.50 | |
| | 930.00 | 960.00 | 1 | 30.00 | 7.70 | 8.30 | 8.00 | | 240.00 | |
| | 960.00 | 990.00 | 1 | 30.00 | 8.30 | 7.50 | 7.90 | C/FC | 237.00 | |
| | 990.00 | 1020.00 | 1 | 30.00 | 7.50 | 7.00 | 7.25 | | 217.50 | |
| | 1020.00 | 1050.00 | 1 | 30.00 | 7.00 | 8.20 | 7.60 | | 228.00 | |
| | 1050.00 | 1080.00 | 1 | 30.00 | 8.20 | 10.80 | 9.50 | 1/6/2021 | 285.00 | |
| | 1080.00 | 1110.00 | 1 | 30.00 | 10.80 | 7.70 | 9.25 | | 277.50 | |
| | 1110.00 | 1140.00 | 1 | 30.00 | 7.70 | 8.40 | 8.05 | | 241.50 | |
| | 1140.00 | 1170.00 | 1 | 30.00 | 8.40 | 7.10 | 7.75 | | 232.50 | |
| | 1170.00 | 1200.00 | 1 | 30.00 | 7.10 | 7.40 | 7.25 | | 217.50 | |
| | 1200.00 | 1230.00 | 1 | 30.00 | 7.40 | 7.10 | 7.25 | | 217.50 | |
| | 1230.00 | 1250.00 | 1 | 20.00 | 7.10 | 6.80 | 6.95 | | 139.00 | |
| | 1250.00 | 1280.00 | 1 | 30.00 | 6.80 | 12.50 | 9.65 | | 289.50 | |
| | 1280.00 | 1300.00 | 1 | 20.00 | 12.50 | 9.60 | 11.05 | | 221.00 | |
| | **Cross Road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | | 196.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | | 187.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | C/FC | 130.00 | |
| | **Cross Road B** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 2/6/2021 | 196.50 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | | 187.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | | 180.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | | 189.00 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | | 130.00 | |
| | **Shivashankar layout 3rd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 6.70 | 5.85 | | 175.50 | |

9713.00

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 30.00 | 60.00 | 1 | 30.00 | 6.70 | 6.00 | 6.35 | | 190.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.70 | 6.35 | | 190.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.70 | 6.70 | 6.70 | | 201.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.70 | 6.60 | 6.65 | | 199.50 | |
| | 150.00 | 171.40 | 1 | 21.40 | 6.60 | 6.40 | 6.50 | | 139.10 | |
| | **Shivashankar layout 2nd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 7.25 | 7.13 | | 213.75 | |
| | 30.00 | 60.00 | 1 | 30.00 | 7.25 | 6.80 | 7.03 | | 210.75 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.80 | 7.20 | 7.00 | | 210.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.20 | 7.30 | 7.25 | | 217.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 7.30 | 7.10 | 7.20 | | 216.00 | |
| | 150.00 | 171.60 | 1 | 21.60 | 7.10 | 6.60 | 6.85 | | 147.96 | |
| | **Shivashankar layout cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.50 | 5.60 | | 168.00 | |
| | 30.00 | 33.00 | 1 | 3.00 | 5.50 | 5.50 | 5.50 | | 16.50 | |
| | **Shivashankar layout 4th main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 6.60 | 5.80 | | 174.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 4.50 | 5.55 | | 166.50 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.50 | 6.80 | 5.65 | | 169.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.80 | 4.70 | 5.75 | | 172.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.10 | 6.10 | 4.60 | | 138.00 | |
| | 150.00 | 170.00 | 1 | 20.00 | 6.10 | 5.75 | 5.93 | | 118.50 | 3260.06 |
| | | | | | | | | **Total Qty Work Done** | **31051.21** | **Sqm** |
| | | | | | | | | **Qty Payable in this bill** | **31051.21** | **Sqm** |
| | | | | | | | | **Qty Paid in 1st Bill** | **8882.19** | **Sqm** |
| | | | | | | | | **Total Qty** | **39933.40** | **Sqm** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **31051.21** | **Sqm** |

Contractor Representative

Consultant Representative

NEWLEN CONSULTANT BANGALORE

10/6/21

Asst Engineer

Asst.Executive Engineer

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

| Item No: | 16 | |
|---|---|---|
| Item Name: | KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 70mm) with 4.5% VG-30 bitumen with all lead and lift and as per the | |

Premeasurement recorded on:

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | **Palanahalli 25th cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 30.00 | 50.00 | 1 | 20.00 | 7.50 | 7.50 | 7.50 | 0.050 | 7.50 | |
| | 50.00 | 80.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 80.00 | 110.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 110.00 | 122.50 | 1 | 12.50 | 7.50 | 7.50 | 7.50 | 0.050 | 4.69 | |
| | 122.50 | 152.50 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 152.50 | 159.10 | 1 | 6.60 | 7.50 | 7.50 | 7.50 | 0.050 | 2.48 | |
| | 159.10 | 165.80 | 1 | 6.70 | 7.50 | 7.50 | 7.50 | 0.050 | 2.51 | |
| | 165.80 | 174.50 | 1 | 8.70 | 7.50 | 7.50 | 7.50 | 0.050 | 3.26 | |
| | 174.50 | 190.90 | 1 | 16.40 | 7.50 | 7.50 | 7.50 | 0.050 | 6.15 | |
| | 190.90 | 199.30 | 1 | 8.40 | 7.50 | 7.50 | 7.50 | 0.050 | 3.15 | |
| | 199.30 | 229.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 229.30 | 247.30 | 1 | 18.00 | 7.50 | 7.50 | 7.50 | 0.050 | 6.75 | |
| | 247.30 | 277.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 277.30 | 307.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 307.30 | 337.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 337.30 | 367.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 367.30 | 397.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 397.30 | 427.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 427.30 | 457.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 457.30 | 487.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 487.30 | 517.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.050 | 11.25 | |
| | 517.30 | 536.30 | 1 | 19.00 | 7.50 | 7.50 | 7.50 | 0.050 | 7.13 | |
| | **Bhagath enclave 2nd cross** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 6.60 | 6.80 | 0.050 | 10.20 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 6.40 | 6.50 | 0.050 | 9.75 | |
| | 60.00 | 89.00 | 1 | 29.00 | 6.40 | 6.30 | 6.35 | 0.050 | 9.21 | |
| | **Bindu layout cross road 1** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |

239.27

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 90.00 | 97.00 | 1 | 7.00 | 6.00 | 5.10 | 5.55 | 0.050 | 1.94 | |
| | **Bindu layout cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 5.60 | 5.30 | 0.050 | 7.95 | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.60 | 5.50 | 5.55 | 0.050 | 8.33 | |
| | 60.00 | 90.00 | 1 | 30.00 | 5.50 | 5.30 | 5.40 | 0.050 | 8.10 | |
| | 90.00 | 95.50 | 1 | 5.50 | 5.30 | 5.50 | 5.40 | 0.050 | 1.49 | |
| | **Bindu layout cross road 3** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 5.80 | 5.90 | 0.050 | 8.85 | |
| | 60.00 | 67.00 | 1 | 7.00 | 5.80 | 5.30 | 5.55 | 0.050 | 1.94 | |
| | **Bindu layout cross road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | 0.050 | 6.75 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | 0.050 | 6.75 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | 0.050 | 6.75 | |
| | 90.00 | 104.00 | 1 | 14.00 | 4.50 | 4.50 | 4.50 | 0.050 | 3.15 | |
| | **Kattigenahalli main road towards 2nd main road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.20 | 5.30 | 5.75 | 0.050 | 8.63 | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.30 | 5.55 | 5.43 | 0.050 | 8.14 | |
| | 60.00 | 80.00 | 1 | 20.00 | 5.10 | 7.10 | 6.10 | 0.050 | 6.10 | |
| | 80.00 | 98.00 | 1 | 18.00 | 9.50 | 11.00 | 10.25 | 0.050 | 9.23 | |
| | 98.00 | 120.00 | 1 | 22.00 | 11.00 | 6.40 | 8.70 | 0.050 | 9.57 | |
| | 120.00 | 150.00 | 1 | 30.00 | 5.70 | 5.30 | 5.50 | 0.050 | 8.25 | |
| | 150.00 | 180.00 | 1 | 30.00 | 5.30 | 7.50 | 6.40 | 0.050 | 9.60 | |
| | 180.00 | 210.00 | 1 | 30.00 | 7.70 | 5.50 | 6.60 | 0.050 | 9.90 | |
| | 210.00 | 240.00 | 1 | 30.00 | 5.50 | 8.80 | 7.15 | 0.050 | 10.73 | |
| | 240.00 | 250.00 | 1 | 10.00 | 8.80 | 7.20 | 8.00 | 0.050 | 4.00 | |
| | 250.00 | 280.00 | 1 | 30.00 | 7.20 | 6.60 | 6.90 | 0.050 | 10.35 | |
| | 280.00 | 310.00 | 1 | 30.00 | 6.60 | 6.00 | 6.30 | 0.050 | 9.45 | |
| | 310.00 | 330.00 | 1 | 20.00 | 6.00 | 8.20 | 7.10 | 0.050 | 7.10 | |
| | 330.00 | 336.00 | 1 | 6.00 | 8.20 | 10.00 | 9.10 | 0.050 | 2.73 | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.20 | 4.40 | 4.80 | 0.050 | 7.20 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.40 | 4.40 | 4.40 | 0.050 | 6.60 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.40 | 4.50 | 4.45 | 0.050 | 6.68 | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.70 | 4.60 | 0.050 | 6.90 | |
| | 120.00 | 134.00 | 1 | 14.00 | 4.70 | 5.80 | 5.25 | 0.050 | 3.68 | |
| | 134.00 | 164.00 | 1 | 30.00 | 5.80 | 6.70 | 6.25 | 0.050 | 9.38 | |
| | 164.00 | 194.00 | 1 | 30.00 | 6.70 | 6.60 | 6.65 | 0.050 | 9.98 | |
| | 194.00 | 224.00 | 1 | 30.00 | 6.60 | 6.30 | 6.45 | 0.050 | 9.68 | |
| | 224.00 | 254.00 | 1 | 30.00 | 6.30 | 6.40 | 6.35 | 0.050 | 9.53 | |
| | 254.00 | 284.00 | 1 | 30.00 | 6.40 | 6.00 | 6.20 | 0.050 | 9.30 | |
| | 284.00 | 314.00 | 1 | 30.00 | 6.00 | 7.00 | 6.50 | 0.050 | 9.75 | |
| | 314.00 | 344.00 | 1 | 30.00 | 7.00 | 6.50 | 6.75 | 0.050 | 10.13 | |

301.53

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | 344.00 | 374.00 | 1 | 30.00 | 6.50 | 6.50 | 6.50 | 0.050 | 9.75 | |
| | 374.00 | 404.00 | 1 | 30.00 | 6.50 | 7.00 | 6.75 | 0.050 | 10.13 | |
| | 404.00 | 409.40 | 1 | 5.40 | 7.00 | 7.50 | 7.25 | 0.050 | 1.96 | |
| | **Kattigenahalli Cross road 1** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.00 | 3.90 | 3.95 | 0.050 | 5.93 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.90 | 4.30 | 4.10 | 0.050 | 6.15 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 4.50 | 4.40 | 0.050 | 6.60 | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.20 | 4.35 | 0.050 | 6.53 | |
| | 120.00 | 124.40 | 1 | 4.40 | 4.20 | 4.20 | 4.20 | 0.050 | 0.92 | |
| | **Kattigenahalli Cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.40 | 4.60 | 4.50 | 0.050 | 6.75 | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.60 | 4.30 | 4.45 | 0.050 | 6.68 | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 5.30 | 4.80 | 0.050 | 7.20 | |
| | 90.00 | 106.00 | 1 | 16.00 | 5.30 | 3.10 | 4.20 | 0.050 | 3.36 | |
| | 106.00 | 112.00 | 1 | 6.00 | 3.10 | 2.90 | 3.00 | 0.050 | 0.90 | |
| | 112.00 | 123.00 | 1 | 11.00 | 2.90 | 4.40 | 3.65 | 0.050 | 2.01 | |
| | **ALFA School road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.30 | 3.70 | 5.00 | 0.050 | 7.50 | |
| | 30.00 | 30.60 | 1 | 0.60 | 3.70 | 3.70 | 3.70 | 0.050 | 0.11 | |
| | 30.60 | 32.00 | 1 | 1.40 | | | | | | culvert width |
| | 32.00 | 62.00 | 1 | 30.00 | 3.70 | 5.00 | 4.35 | 0.050 | 6.53 | |
| | 62.00 | 83.00 | 1 | 21.00 | 5.00 | 5.80 | 5.40 | 0.050 | 5.67 | |
| | 83.00 | 113.00 | 1 | 30.00 | 5.80 | 5.80 | 5.80 | 0.050 | 8.70 | |
| | 113.00 | 143.00 | 1 | 30.00 | 5.80 | 5.70 | 5.75 | 0.050 | 8.63 | |
| | 143.00 | 164.00 | 1 | 21.00 | 5.70 | 4.50 | 5.10 | 0.050 | 5.36 | |
| | **ALFA School cross road 1** | | | | | | | | | |
| | 0.00 | 13.00 | 1 | 13.00 | 5.80 | 5.80 | 5.80 | 0.050 | 3.77 | |
| | **ALFA School cross road 2** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.70 | 5.70 | 0.050 | 8.55 | |
| | 30.00 | 35.00 | 1 | 5.00 | 5.70 | 7.30 | 6.50 | 0.050 | 1.63 | |
| | **Kattigenahalli TO Palanahalli Road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 5.90 | 5.95 | 0.050 | 8.93 | |
| | 60.00 | 90.00 | 1 | 30.00 | 5.90 | 6.00 | 5.95 | 0.050 | 8.93 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.00 | 5.76 | 5.88 | 0.050 | 8.82 | |
| | 150.00 | 180.00 | 1 | 30.00 | 5.76 | 6.00 | 5.88 | 0.050 | 8.82 | |
| | 180.00 | 210.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 210.00 | 240.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 240.00 | 270.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 270.00 | 300.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 300.00 | 330.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 330.00 | 360.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 360.00 | 390.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |

238.77

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 390.00 | 420.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 420.00 | 450.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 450.00 | 480.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 480.00 | 510.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 510.00 | 540.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 540.00 | 570.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 570.00 | 600.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 600.00 | 630.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 630.00 | 660.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 660.00 | 690.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 690.00 | 720.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 720.00 | 750.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 750.00 | 780.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 780.00 | 810.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 810.00 | 840.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 840.00 | 870.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 870.00 | 900.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 900.00 | 930.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 930.00 | 960.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 960.00 | 990.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 990.00 | 1020.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1020.00 | 1050.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1050.00 | 1080.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1080.00 | 1110.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1110.00 | 1140.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1140.00 | 1170.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1170.00 | 1200.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1200.00 | 1230.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1230.00 | 1250.00 | 1 | 20.00 | 6.00 | 6.00 | 6.00 | 0.050 | 6.00 | |
| | 1250.00 | 1280.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 1280.00 | 1300.00 | 1 | 20.00 | 6.00 | 6.00 | 6.00 | 0.050 | 6.00 | |
| | **Cross Road A** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 0.050 | 9.83 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | 0.050 | 9.38 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.050 | 9.45 | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.050 | 9.45 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | 0.050 | 6.50 | |
| | **Cross Road B** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 0.050 | 9.83 | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | 0.050 | 9.38 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.050 | 9.00 | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.050 | 9.45 | |

391.25

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.050 | 9.45 | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | 0.050 | 6.50 | |
| | **Shivashankar layout 3rd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.050 | 4.58 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.050 | 4.58 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.050 | 4.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.050 | 4.50 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.050 | 4.58 | |
| | 150.00 | 171.40 | 1 | 21.40 | 3.10 | 3.00 | 3.05 | 0.050 | 3.26 | |
| | **Shivashankar layout 2nd main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 7.25 | 7.13 | 0.050 | 10.69 | |
| | 30.00 | 60.00 | 1 | 30.00 | 7.25 | 6.80 | 7.03 | 0.050 | 10.54 | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.80 | 7.20 | 7.00 | 0.050 | 10.50 | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.20 | 7.30 | 7.25 | 0.050 | 10.88 | |
| | 120.00 | 150.00 | 1 | 30.00 | 7.30 | 7.10 | 7.20 | 0.050 | 10.80 | |
| | 150.00 | 171.60 | 1 | 21.60 | 7.10 | 6.60 | 6.85 | 0.050 | 7.40 | |
| | **Shivashankar layout cross road** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.50 | 5.60 | 0.040 | 6.72 | |
| | 30.00 | 33.00 | 1 | 3.00 | 5.50 | 5.50 | 5.50 | 0.040 | 0.66 | |
| | **Shivashankar layout 4th main** | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 3.00 | 3.10 | 3.05 | 0.050 | 4.53 | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.10 | 3.10 | 3.10 | 0.050 | 4.60 | |
| | 60.00 | 90.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.050 | 4.53 | |
| | 90.00 | 120.00 | 1 | 30.00 | 3.00 | 3.00 | 3.00 | 0.050 | 4.46 | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.10 | 3.00 | 3.05 | 0.050 | 4.53 | |
| | 150.00 | 170.00 | 1 | 20.00 | 3.00 | 3.00 | 3.00 | 0.050 | 3.00 | 135.76 |
| | | | | | | | | **Total Qty Work Done** | **1306.59** | **Cum** |
| | | | | | | | | **Qty Payable in this bill** | **1306.59** | **Cum** |
| | | | | | | | | **Qty Paid in 1st Bill** | **444.11** | **Cum** |
| | | | | | | | | **Total Qty** | **1750.70** | **Cum** |
| | | | | | | | | **Qty Payable in 2nd Bill** | **1306.59** | **Cum** |

Contractor Representative

Consultant Representative

NEWLEN CONSULTANT BANGALORE

Asst Engineer 10/6/24

Asst.Executive Engineer 10/6/2024

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

| | | |
|---|---|---|
| Item No: | **E1** | |
| Item Name: | Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials, labour, HOM complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 (For 450mm dia). | |

Measurement recorded on:

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | |
| | **Sri Krishna Garden** | | | | | | | | | |
| | 0.00 | 24.50 | 1 | 24.50 | | | | | 24.50 | |
| | **Palanahalli 25th cross road** | | | | | | | | | |
| | 0.00 | 7.00 | 1 | 7.00 | | | | | 7.00 | |
| | | | | | | | | **Total Qty Work Done** | **31.50** | **mts** |
| | | | | | | | | **Qty Payable in this bill** | **31.50** | **mts** |

Contractor Representative

NEWZEN CONSULTANT BANGALORE

Consultant Representative

Asst Engineer

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Asst.Executive Engineer

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ದ್ಯಾವರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

# MEASUREMENT SHEETS

## "SECOND AND FINAL BILL"

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, Sri Krishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: 2

Item Name: KSRRB300 - Excavation for road, drains-and similar works ,KSRRB300-1 : Earthwork excavation by manual means in ordinary soil involving as average horizontal throw upto 2 mters and an average lifts upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per

| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | **Vide Premeasurement Page no.** 02 | | | | | 281.48 | | | 60 |
| | | | | | **Upto 125%** | **264.80** | **Cum** | **217.00** | **57461.38** |
| | | | | | **Above 125%** | **16.69** | **Cum** | **217.00** | **3620.65** |
| | | | | | | 16.68 | | | 3619.56 |

Item No: 4

Item Name: KSRB M2100-10 : Providing and laying plain cement concrete of Mix 1:3:6 with OPC @ 220kgs,with crushed 40mm and down size graded granite mental coarse aggregate @ 0.89 cum and fine aggregate @ 0.46 cum, in foundation mechanically mixed , placed in foundation and compacted by vibration including curing for 14 days including cost of all

| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | **Vide Premeasurement Page no.** 02 | | | | | 6.51 | | | 37056.92 |
| | | | | | **Qty Payable in this bill** | **6.51** | **Cum** | **5692.00** | **37037.84** |

Item No: 5

Item Name: KSRB 5.2-3: Providing and constructing granite / trap / baslt size stone masonary in foundation with cement mortar, stone hammered dressed in course not less then 20 cms high, bond stones at 2m, apart in each course including cost materials, labour, curing complete as per specifications.

| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | **Vide Premeasurement Page no.** 03 | | | | | 16.38 | | | 83767.32 |
| | | | | | **Qty Payable in this bill** | **16.38** | **Cum** | **5114.00** | **83785.73** |

Item No: 6

Item Name: KSRB 4-1.6: Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs, with 20mm and down size granite metal coarse aggregates at 0.878 cum and fine aggregates at 0.53cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundations, plinth and cills, including cost of all

| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | **Vide Premeasurement Page no.** 04 | | | | | 4.88 | | | 29445.92 |
| | | | | | **Qty Payable in this bill** | **4.88** | **Cum** | **6034.00** | **29447.43** |

Contractor Representative

Consultant Representative

NEWZEN CONSULTANT BANGALORE

Asst Engineer

Asst.Executive Engineer

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

| BRUHAT BANGALORE MAHANAGARA PALIKE | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, Sri Krishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05 | | | | | | | | | |
| Measurement Sheet | | | | | | | | | |
| **Second and Final Bill** | | | | | | | | | |
| Item No: | **10** | | | | | | | | |
| Item Name: | KSRRB M300-14. Excavation for roadwork in soil with hydralic excavation of 0.9cum bucket capacity including cutting and loading tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross section , and transportating to the embankment location to a lead of 1 km and complete as per | | | | | | | | |
| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
| | **Vide Premeasurement Page no.** 05 | | | | | 3920.74 | | | .40 |
| | | | | | **Qty Payable in this bill** | **3920.74** | **Cum** | **60.00** | **235244.52** |
| | | | | | | | | | |
| Item No: | **11** | | | | | | | | |
| Item Name: | Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC , Carriage of mixed materials to work site, spreading in uniform layers with motor grader on prepared surface and | | | | | | | | |
| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
| | **Vide Premeasurement Page no.** 07 | | | | | 1320.83 | | | 2767138.85 |
| | | | | | **Qty Payable in this bill** | **1320.83** | **Cum** | **2095.00** | **2767144.72** |
| | | | | | | | | | |
| Item No: | **12** | | | | | | | | |
| Item Name: | KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the | | | | | | | | |
| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
| | **Vide Premeasurement Page no.** 09 | | | | | 2342.30 | | | 4921172.30 |
| | | | | | **Qty Payable in this bill** | **2342.30** | **Cum** | **2101.00** | **4921178.08** |
| | | | | | | | | | |
| Item No: | **13** | | | | | | | | |
| Item Name: | KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications with all lead and lift and as per the direction of | | | | | | | | |
| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
| | **Vide Premeasurement Page no.** 11 | | | | | 26188.38 | | | |
| | | | | | **Qty Payable in this bill** | **26188.38** | **Sqm** | **30.00** | **785651.40** |
| | | | | | | | | | |
| Item No: | **14** | | | | | | | | |

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

| SLNO 14 | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| Item Name: | KSRRB 500-2 : Cleaning the existing black topped surfce with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of material, labour, HOM curing, complete as per specificatioons.(P.No158.1, I.No-21.12,KPWD SR2018-19) | | | | | | | | |
| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
| | **Vide Premeasurement Page no. 16** | | | | | 4862.83 | | | |
| | | | | | **Qty Payable in this bill** | **4862.83** | **Sqm** | **6.00** | **29176.98** |
| Item No: | **15** | | | | | | | | |
| Item Name: | KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface ) including cost of all materials, labour, HOM of machineries complete as per | | | | | | | | |
| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
| | **Vide Premeasurement Page no. 21** | | | | | 31051.21 | | | |
| | | | | | **Qty Payable in this bill** | **31051.21** | **Sqm** | **13.00** | **403665.73** |
| Item No: | **16** | | | | | | | | |
| Item Name: | KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve | | | | | | | | |
| SLNO | CHAINAGE Land Mark | NO | L (m) | B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
| | **Vide Premeasurement Page no. 26** | | | | | 1306.59 | | | 9049373.08 |
| | | | | | **Qty Payable in this bill** | **1306.59** | **Cum** | **6926.00** | **9049409.44** |

Contractor Representative

Consultant Representative

NEWLEN CONSULTANT BANGALORE

Asst Engineer

Asst.Executive Engineer

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: 8

Item Name: Providing and Fixing RCC pre cast covering Slab of 100mm thick for drains in cement concrete M25 using graded granite jelly 20mm and down size with steel reinforecement , inclunding form work, lift charges, curing and concrete finishined surfaces on both side etc.,

Measurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **6th A Main Road, 1st Cross Rd** | | | | | | | | | | | |
| | **RHS From Main Rd** | | | | | | | | | | | |
| | 10.00 | 29.50 | 1 | 19.50 | 0.90 | | | | 17.55 | | | |
| | **2nd Cross Rd** | | | | | | | | | | | |
| | **LHS From Main Rd** | | | | | | | | | | | |
| | 30.00 | 32.60 | 1 | 2.60 | 0.90 | | | | 2.34 | | | |
| | **RHS From End** | | | | | | | | | | | |
| | 0.00 | 19.40 | 1 | 19.40 | 0.90 | | | | 17.46 | | | |
| | **Cross Road 05** | | | | | | | | | | | |
| | **LHS From 8th Main Rd** | | | | | | | | | | | |
| | 29.00 | 59.00 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 103.20 | 132.30 | 1 | 29.10 | 0.90 | | | | 26.19 | | | |
| | **RHS From End** | | | | | | | | | | | |
| | 0.00 | 12.30 | 1 | 12.30 | 0.90 | | | | 11.07 | | | |
| | 33.60 | 59.10 | 1 | 25.50 | 0.90 | | | | 22.95 | | | |
| | 72.00 | 73.80 | 1 | 1.80 | 0.90 | | | | 1.62 | | | |
| | **6th B Main Road** | | | | | | | | | | | |
| | **LHS From Main Rd** | | | | | | | | | | | |
| | 30.00 | 39.90 | 1 | 9.90 | 0.90 | | | | 8.91 | | | |
| | 46.70 | 61.50 | 1 | 14.80 | 0.90 | | | | 13.32 | | | |
| | **RHS From End** | | | | | | | | | | | |
| | 72.20 | 81.10 | 1 | 8.90 | 0.90 | | | | 8.01 | | | |
| | 90.90 | 109.30 | 1 | 18.40 | 0.90 | | | | 16.56 | | | |
| | **kattigenahalli 3rd main cross road 3** | | | | | | | | | | | |
| | 60.00 | 80.00 | 1 | 20.00 | 0.90 | | | | 18.00 | | | |
| | 96.50 | 116.40 | 1 | 19.90 | 0.90 | | | | 17.91 | | | |
| | 151.80 | 169.50 | 1 | 17.70 | 0.90 | | | | 15.93 | | | |
| | **Saptha giri layout cross road 3 RHS** | | | | | | | | | | | |
| | 10.00 | 23.50 | 1 | 13.50 | 0.90 | | | | 12.15 | | | |
| | **Saptha giri layout cross road 3 LHS** | | | | | | | | | | | |
| | 28.00 | 55.00 | 1 | 27.00 | 0.90 | | | | 24.30 | | | |
| | **Saptha giri layout cross road 1 LHS** | | | | | | | | | | | |
| | 12.00 | 24.00 | 1 | 10.00 | 0.90 | | | | 9.00 | | | |
| | 46.00 | 59.00 | 1 | 13.00 | 0.90 | | | | 11.70 | | | |
| | **Saptha giri layout cross road 1RHS** | | | | | | | | | | | |
| | 55.00 | 60.00 | 1 | 5.00 | 0.90 | | | | 4.50 | | | |
| | **Kuvempu nagar kattigenahalli 2nd main** | | | | | | | | | | | |
| | 4.50 | 30.00 | 1 | 25.50 | 0.90 | | | | 22.95 | | | |
| | 34.00 | 51.00 | 1 | 17.00 | 0.90 | | | | 15.30 | | | |
| | 55.70 | 80.00 | 1 | 24.30 | 0.90 | | | | 21.87 | | | |
| | 112.00 | 121.30 | 1 | 9.30 | 0.90 | | | | 8.37 | | | |

354.96

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 259.50 | 280.00 | 1 | 20.50 | 0.90 | | | | 18.45 | | | |
| | 311.80 | 326.70 | 1 | 14.00 | 0.90 | | | | 12.60 | | | |
| | **Kuvempu nagar kattigenahalli 2nd main** | | | | | | | | | | | |
| | 25.00 | 55.00 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 121.00 | 133.00 | 1 | 10.00 | 0.90 | | | | 9.00 | | | |
| | **Kuvempu nagar kattigenahalli 2nd main** | | | | | | | | | | | |
| | 10.00 | 30.00 | 1 | 20.00 | 0.90 | | | | 18.00 | | | |
| | 55.00 | 66.00 | 1 | 11.00 | 0.90 | | | | 9.90 | | | |
| | **5th Main Road** | | | | | | | | | | | |
| | **LHS From End** | | | | | | | | | | | |
| | 103.00 | 115.40 | 1 | 12.40 | 0.90 | | | | 11.16 | | | |
| | 115.40 | 135.00 | 1 | 19.60 | 0.90 | | | | 17.64 | | | |
| | 206.70 | 232.70 | 1 | 26.00 | 0.90 | | | | 23.40 | | | |
| | 299.50 | 326.60 | 1 | 19.00 | 0.90 | | | | 17.10 | | | |
| | 454.60 | 484.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 484.60 | 544.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | | | | | | | | | | | | |
| | **Police training school thanisandra LHS** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 120.00 | 150.00 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 150.00 | 150.60 | 1 | 0.60 | 0.90 | | | | 0.54 | | | |
| | 150.60 | 180.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 180.60 | 210.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 210.60 | 240.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 240.60 | 270.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 270.60 | 300.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 300.60 | 330.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 330.60 | 360.60 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 360.60 | 363.60 | 1 | 3.00 | 0.90 | | | | 2.70 | | | |
| | **Police training school thanisandra RHS** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 0.90 | | | | 27.00 | | | |
| | 30.00 | 49.20 | 1 | 19.20 | 0.90 | | | | 17.28 | | | |
| | **Total Qty Work Done** | | | | | | | | **944.73** | **Sqm** | | |
| | **Qty Payable in this bill** | | | | | | | | **944.73** | **Sqm** | | |
| | **Qty Paid in 1st Bill** | | | | | | | | **3520.88** | **Sqm** | | |
| | **Total Qty** | | | | | | | | **4465.61** | **Sqm** | | 2315239.52 |
| | **Qty Payable in 2nd Bill** | | | | | | | | **944.73** | **Sqm** | **2453.00** | **2317422.69** |

943.84

Contractor Representative

Consultant Representative

Asst.Engineer

Asst.Executive Engineer

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: 9

Item Name: Providing and Fixing pre cast covering Slab 250mm thick made out of M25 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)

Measurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **FOR SSM CULVERT** | | | | | | | | | | | |
| | **Sri Krishna Garden Main road RHS** | | | | | | | | | | | |
| | 0.00 | 6.20 | 1 | 6.20 | 1.50 | 1.50 | 1.50 | | 9.30 | | | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | | | |
| | 0.00 | 6.90 | 1 | 6.90 | 1.50 | 1.50 | 1.50 | | 10.35 | | | |
| | **Kattigenahalli 3rd main road** | | | | | | | | | | | |
| | 0.00 | 11.00 | 1 | 11.00 | 1.50 | 1.50 | 1.50 | | 16.50 | | | |
| | | | | | | | | **Total Qty Work Done** | **36.15** | **Sqm** | | |
| | | | | | | | | **Qty Payable in this bill** | **36.15** | **Sqm** | | |
| | | | | | | | | **Qty Paid in 1st Bill** | **46.80** | **Sqm** | | |
| | | | | | | | | **Total Qty** | **82.95** | **Sqm** | | |
| | | | | | | | | **Qty Payable in 2nd Bill** | **36.15** | **Sqm** | **5688.00** | **205621.20** |

Contractor Representative

Consultant Representative

NEWZEN CONSULTANT BANGLORE

26/5/21

Asst Engineer

26/5/2021

Asst.Executive Engineer

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranth layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward N

Measurement Sheet

**Second and Final Bill**

Item No: **17**

Item Name: Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP- 53-2015.do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% ofVG-30 bitumen (60/70 grade} and 0.43% of plastomeric thermoplastics (waste plastic) with all lead and lift and as per the direction of Engineer in-charge.

Measurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Palanahalli 25th cross road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 30.00 | 50.00 | 1 | 20.00 | 7.50 | 7.50 | 7.50 | 0.040 | 6.00 | | | |
| | 50.00 | 80.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 80.00 | 110.00 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 110.00 | 122.50 | 1 | 12.50 | 7.50 | 7.50 | 7.50 | 0.040 | 3.75 | | | |
| | 122.50 | 152.50 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 152.50 | 159.10 | 1 | 6.60 | 7.50 | 7.50 | 7.50 | 0.040 | 1.98 | | | |
| | 159.10 | 165.80 | 1 | 6.70 | 7.50 | 7.50 | 7.50 | 0.040 | 2.01 | | | |
| | 165.80 | 174.50 | 1 | 8.70 | 7.50 | 7.50 | 7.50 | 0.040 | 2.61 | | | |
| | 174.50 | 190.90 | 1 | 16.40 | 7.50 | 7.50 | 7.50 | 0.040 | 4.92 | | | |
| | 190.90 | 199.30 | 1 | 8.40 | 7.50 | 7.50 | 7.50 | 0.040 | 2.52 | | | |
| | 199.30 | 229.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 229.30 | 247.30 | 1 | 18.00 | 7.50 | 7.50 | 7.50 | 0.040 | 5.40 | | | |
| | 247.30 | 277.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 277.30 | 307.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 307.30 | 337.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 337.30 | 367.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 367.30 | 397.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 397.30 | 427.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 427.30 | 457.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 457.30 | 487.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 487.30 | 517.30 | 1 | 30.00 | 7.50 | 7.50 | 7.50 | 0.040 | 9.00 | | | |
| | 517.30 | 536.30 | 1 | 19.00 | 7.50 | 7.50 | 7.50 | 0.040 | 5.70 | | | |
| | **Bhagath enclave 2nd cross** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 6.60 | 6.80 | 0.040 | 8.16 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 6.40 | 6.50 | 0.040 | 7.80 | | | |
| | 60.00 | 89.00 | 1 | 29.00 | 6.40 | 6.30 | 6.35 | 0.040 | 7.37 | | | |
| | **Bindu layout cross road 1** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.040 | 7.20 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.040 | 7.20 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.040 | 7.20 | | | |
| | 90.00 | 97.00 | 1 | 7.00 | 6.00 | 5.10 | 5.55 | 0.040 | 1.55 | | | |
| | **Bindu layout cross road 2** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 5.60 | 5.30 | 0.040 | 6.36 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.60 | 5.50 | 5.55 | 0.040 | 6.66 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 5.50 | 5.30 | 5.40 | 0.040 | 6.48 | | | |
| | 90.00 | 95.50 | 1 | 5.50 | 5.30 | 5.50 | 5.40 | 0.040 | 1.19 | | | |
| | **Bindu layout cross road 3** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.040 | 7.20 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.00 | 5.80 | 5.90 | 0.040 | 7.08 | | | |
| | 60.00 | 67.00 | 1 | 7.00 | 5.80 | 5.30 | 5.55 | 0.040 | 1.55 | | | |

243.89

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Bindu layout cross road A** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | 0.040 | 5.40 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | 0.040 | 5.40 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.50 | 4.50 | 4.50 | 0.040 | 5.40 | | | |
| | 90.00 | 104.00 | 1 | 14.00 | 4.50 | 4.50 | 4.50 | 0.040 | 2.52 | | | |
| | **Kattigenahalli main road towards 2nd main road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.20 | 5.30 | 5.75 | 0.040 | 6.90 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 5.30 | 5.55 | 5.43 | 0.040 | 6.51 | | | |
| | 60.00 | 80.00 | 1 | 20.00 | 5.10 | 7.10 | 6.10 | 0.040 | 4.88 | | | |
| | 80.00 | 98.00 | 1 | 18.00 | 9.50 | 11.00 | 10.25 | 0.040 | 7.38 | | | |
| | 98.00 | 120.00 | 1 | 22.00 | 11.00 | 6.40 | 8.70 | 0.040 | 7.66 | | | |
| | 120.00 | 150.00 | 1 | 30.00 | 5.70 | 5.30 | 5.50 | 0.040 | 6.60 | | | |
| | 150.00 | 180.00 | 1 | 30.00 | 5.30 | 7.50 | 6.40 | 0.040 | 7.68 | | | |
| | 180.00 | 210.00 | 1 | 30.00 | 7.70 | 5.50 | 6.60 | 0.040 | 7.92 | | | |
| | 210.00 | 240.00 | 1 | 30.00 | 5.50 | 8.80 | 7.15 | 0.040 | 8.58 | | | |
| | 240.00 | 250.00 | 1 | 10.00 | 8.80 | 7.20 | 8.00 | 0.040 | 3.20 | | | |
| | 250.00 | 280.00 | 1 | 30.00 | 7.20 | 6.60 | 6.90 | 0.040 | 8.28 | | | |
| | 280.00 | 310.00 | 1 | 30.00 | 6.60 | 6.00 | 6.30 | 0.040 | 7.56 | | | |
| | 310.00 | 330.00 | 1 | 20.00 | 6.00 | 8.20 | 7.10 | 0.040 | 5.68 | | | |
| | 330.00 | 336.00 | 1 | 6.00 | 8.20 | 10.00 | 9.10 | 0.040 | 2.18 | | | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.20 | 4.40 | 4.80 | 0.040 | 5.76 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.40 | 4.40 | 4.40 | 0.040 | 5.28 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.40 | 4.50 | 4.45 | 0.040 | 5.34 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.70 | 4.60 | 0.040 | 5.52 | | | |
| | 120.00 | 134.00 | 1 | 14.00 | 4.70 | 5.80 | 5.25 | 0.040 | 2.94 | | | |
| | 134.00 | 164.00 | 1 | 30.00 | 5.80 | 6.70 | 6.25 | 0.040 | 7.50 | | | |
| | 164.00 | 194.00 | 1 | 30.00 | 6.70 | 6.60 | 6.65 | 0.040 | 7.98 | | | |
| | 194.00 | 224.00 | 1 | 30.00 | 6.60 | 6.30 | 6.45 | 0.040 | 7.74 | | | |
| | 224.00 | 254.00 | 1 | 30.00 | 6.30 | 6.40 | 6.35 | 0.040 | 7.62 | | | |
| | 254.00 | 284.00 | 1 | 30.00 | 6.40 | 6.00 | 6.20 | 0.040 | 7.44 | | | |
| | 284.00 | 314.00 | 1 | 30.00 | 6.00 | 7.00 | 6.50 | 0.040 | 7.80 | | | |
| | 314.00 | 344.00 | 1 | 30.00 | 7.00 | 6.50 | 6.75 | 0.040 | 8.10 | | | |
| | 344.00 | 374.00 | 1 | 30.00 | 6.50 | 6.50 | 6.50 | 0.040 | 7.80 | | | |
| | 374.00 | 404.00 | 1 | 30.00 | 6.50 | 7.00 | 6.75 | 0.040 | 8.10 | | | |
| | 404.00 | 409.40 | 1 | 5.40 | 7.00 | 7.50 | 7.25 | 0.040 | 1.57 | | | |
| | **Kattigenahalli Cross road 1** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.00 | 3.90 | 3.95 | 0.040 | 4.74 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 3.90 | 4.30 | 4.10 | 0.040 | 4.92 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 4.50 | 4.40 | 0.040 | 5.28 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 4.50 | 4.20 | 4.35 | 0.040 | 5.22 | | | |
| | 120.00 | 124.40 | 1 | 4.40 | 4.20 | 4.20 | 4.20 | 0.040 | 0.74 | | | |
| | **Kattigenahalli Cross road 2** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 4.40 | 4.60 | 4.50 | 0.040 | 5.40 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 4.60 | 4.30 | 4.45 | 0.040 | 5.34 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.30 | 5.30 | 4.80 | 0.040 | 5.76 | | | |
| | 90.00 | 106.00 | 1 | 16.00 | 5.30 | 3.10 | 4.20 | 0.040 | 2.69 | | | |
| | 106.00 | 112.00 | 1 | 6.00 | 3.10 | 2.90 | 3.00 | 0.040 | 0.72 | | | |
| | 112.00 | 123.00 | 1 | 11.00 | 2.90 | 4.40 | 3.65 | 0.040 | 1.61 | | | |
| | **ALFA School road** | | | | | | | | 0.00 | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.30 | 3.70 | 5.00 | 0.040 | 6.00 | | | |
| | 30.00 | 30.60 | 1 | 0.60 | 3.70 | 3.70 | 3.70 | 0.040 | 0.09 | | | |
| | 30.60 | 32.00 | 1 | 1.40 | | | | | | culvert width | | |
| | 32.00 | 62.00 | 1 | 30.00 | 3.70 | 5.00 | 4.35 | 0.040 | 5.22 | | | |
| | 62.00 | 83.00 | 1 | 21.00 | 5.00 | 5.80 | 5.40 | 0.040 | 4.54 | | | |
| | 83.00 | 113.00 | 1 | 30.00 | 5.80 | 5.80 | 5.80 | 0.040 | 6.96 | | | |
| | 113.00 | 143.00 | 1 | 30.00 | 5.80 | 5.70 | 5.75 | 0.040 | 6.90 | | | |
| | 143.00 | 164.00 | 1 | 21.00 | 5.70 | 4.50 | 5.10 | 0.040 | 4.28 | | | |
| | **ALFA School cross road 1** | | | | | | | | | | | |
| | 0.00 | 13.00 | 1 | 13.00 | 5.80 | 5.80 | 5.80 | 0.040 | 3.02 | | | |

285.63

CBFC 28/5/2024

CBFC 27/6/24

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ALFA School cross road 2** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.70 | 5.70 | 0.040 | 6.84 | | | |
| | 30.00 | 35.00 | 1 | 5.00 | 5.70 | 7.30 | 6.50 | 0.040 | 1.30 | | | |
| | **Kattigenahalli TO Palanahalli Road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 9.20 | 9.00 | 9.10 | 0.040 | 10.92 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 9.00 | 8.90 | 8.95 | 0.040 | 10.74 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 8.90 | 7.90 | 8.40 | 0.040 | 10.08 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.90 | 10.00 | 8.95 | 0.040 | 10.74 | | | |
| | 120.00 | 150.00 | 1 | 30.00 | 10.00 | 11.50 | 10.75 | 0.040 | 12.90 | | | |
| | 150.00 | 180.00 | 1 | 30.00 | 11.50 | 8.70 | 10.10 | 0.040 | 12.12 | | | |
| | 180.00 | 210.00 | 1 | 30.00 | 8.70 | 9.60 | 9.15 | 0.040 | 10.98 | | | |
| | 210.00 | 240.00 | 1 | 30.00 | 9.60 | 9.60 | 9.60 | 0.040 | 11.52 | | | |
| | 240.00 | 270.00 | 1 | 30.00 | 9.60 | 8.30 | 8.95 | 0.040 | 10.74 | | | |
| | 270.00 | 300.00 | 1 | 30.00 | 8.30 | 8.70 | 8.50 | 0.040 | 10.20 | | | |
| | 300.00 | 330.00 | 1 | 30.00 | 8.70 | 7.80 | 8.25 | 0.040 | 9.90 | | | |
| | 330.00 | 360.00 | 1 | 30.00 | 7.80 | 7.80 | 7.80 | 0.040 | 9.36 | | | |
| | 360.00 | 390.00 | 1 | 30.00 | 7.80 | 9.60 | 8.70 | 0.040 | 10.44 | | | |
| | 390.00 | 420.00 | 1 | 30.00 | 9.60 | 9.30 | 9.45 | 0.040 | 11.34 | | | |
| | 420.00 | 450.00 | 1 | 30.00 | 9.30 | 8.60 | 8.95 | 0.040 | 10.74 | | | |
| | 450.00 | 480.00 | 1 | 30.00 | 8.60 | 10.30 | 9.45 | 0.040 | 11.34 | | | |
| | 480.00 | 510.00 | 1 | 30.00 | 10.30 | 8.70 | 9.50 | 0.040 | 11.40 | | | |
| | 510.00 | 540.00 | 1 | 30.00 | 8.70 | 9.70 | 9.20 | 0.040 | 11.04 | | | |
| | 540.00 | 570.00 | 1 | 30.00 | 9.70 | 10.70 | 10.20 | 0.040 | 12.24 | | | |
| | 570.00 | 600.00 | 1 | 30.00 | 10.70 | 10.00 | 10.35 | 0.040 | 12.42 | | | |
| | 600.00 | 630.00 | 1 | 30.00 | 10.00 | 13.00 | 11.50 | 0.040 | 13.80 | | | |
| | 630.00 | 660.00 | 1 | 30.00 | 13.00 | 9.50 | 11.25 | 0.040 | 13.50 | | | |
| | 660.00 | 690.00 | 1 | 30.00 | 9.50 | 8.50 | 9.00 | 0.040 | 10.80 | | | |
| | 690.00 | 720.00 | 1 | 30.00 | 8.50 | 13.20 | 10.85 | 0.040 | 13.02 | | | |
| | 720.00 | 750.00 | 1 | 30.00 | 13.20 | 9.20 | 11.20 | 0.040 | 13.44 | | | |
| | 750.00 | 780.00 | 1 | 30.00 | 9.20 | 7.60 | 8.40 | 0.040 | 10.08 | | | |
| | 780.00 | 810.00 | 1 | 30.00 | 7.60 | 7.50 | 7.55 | 0.040 | 9.06 | | | |
| | 810.00 | 840.00 | 1 | 30.00 | 7.50 | 9.50 | 8.50 | 0.040 | 10.20 | | | |
| | 840.00 | 870.00 | 1 | 30.00 | 9.50 | 8.40 | 8.95 | 0.040 | 10.74 | | | |
| | 870.00 | 900.00 | 1 | 30.00 | 8.40 | 8.00 | 8.20 | 0.040 | 9.84 | | | |
| | 900.00 | 930.00 | 1 | 30.00 | 8.00 | 7.70 | 7.85 | 0.040 | 9.42 | | | |
| | 930.00 | 960.00 | 1 | 30.00 | 7.70 | 8.30 | 8.00 | 0.040 | 9.60 | | | |
| | 960.00 | 990.00 | 1 | 30.00 | 8.30 | 7.50 | 7.90 | 0.040 | 9.48 | | | |
| | 990.00 | 1020.00 | 1 | 30.00 | 7.50 | 7.00 | 7.25 | 0.040 | 8.70 | | | |
| | 1020.00 | 1050.00 | 1 | 30.00 | 7.00 | 8.20 | 7.60 | 0.040 | 9.12 | | | |
| | 1050.00 | 1080.00 | 1 | 30.00 | 8.20 | 10.80 | 9.50 | 0.040 | 11.40 | | | |
| | 1080.00 | 1110.00 | 1 | 30.00 | 10.80 | 7.70 | 9.25 | 0.040 | 11.10 | | | |
| | 1110.00 | 1140.00 | 1 | 30.00 | 7.70 | 8.40 | 8.05 | 0.040 | 9.66 | | | |
| | 1140.00 | 1170.00 | 1 | 30.00 | 8.40 | 7.10 | 7.75 | 0.040 | 9.30 | | | |
| | 1170.00 | 1200.00 | 1 | 30.00 | 7.10 | 7.40 | 7.25 | 0.040 | 8.70 | | | |
| | 1200.00 | 1230.00 | 1 | 30.00 | 7.40 | 7.10 | 7.25 | 0.040 | 8.70 | | | |
| | 1230.00 | 1250.00 | 1 | 20.00 | 7.10 | 6.80 | 6.95 | 0.040 | 5.56 | | | |
| | 1250.00 | 1280.00 | 1 | 30.00 | 6.80 | 12.50 | 9.65 | 0.040 | 11.58 | | | |
| | 1280.00 | 1300.00 | 1 | 20.00 | 12.50 | 9.60 | 11.05 | 0.040 | 8.84 | | | |
| | **Cross Road A** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 0.040 | 7.86 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | 0.040 | 7.50 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.040 | 7.20 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.040 | 7.20 | | | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.040 | 7.56 | | | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.040 | 7.56 | | | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | 0.040 | 5.20 | | | |
| | **Cross Road B** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 6.60 | 6.50 | 6.55 | 0.040 | 7.86 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.50 | 6.00 | 6.25 | 0.040 | 7.50 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.040 | 7.20 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.00 | 6.00 | 6.00 | 0.038 | 6.84 | | | |

554.62

CDFC 4/6/2021

CDFC 5/6/2021

CDFC 9/6/2021

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 120.00 | 150.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.040 | 7.56 | | | |
| | 150.00 | 180.00 | 1 | 30.00 | 6.30 | 6.30 | 6.30 | 0.040 | 7.56 | | | |
| | 180.00 | 200.00 | 1 | 20.00 | 6.30 | 6.70 | 6.50 | 0.039 | 5.07 | | | |
| | **Shivashankar layout 3rd main** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 6.70 | 5.85 | 0.040 | 7.02 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.70 | 6.00 | 6.35 | 0.040 | 7.62 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.00 | 6.70 | 6.35 | 0.040 | 7.62 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.70 | 6.70 | 6.70 | 0.040 | 8.04 | | | |
| | 120.00 | 150.00 | 1 | 30.00 | 6.70 | 6.60 | 6.65 | 0.040 | 7.98 | | | |
| | 150.00 | 171.40 | 1 | 21.40 | 6.60 | 6.40 | 6.50 | 0.040 | 5.56 | | | |
| | **Shivashankar layout 2nd main** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 7.00 | 7.25 | 7.13 | 0.040 | 8.55 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 7.25 | 6.80 | 7.03 | 0.040 | 8.43 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 6.80 | 7.20 | 7.00 | 0.040 | 8.40 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 7.20 | 7.30 | 7.25 | 0.040 | 8.70 | | | |
| | 120.00 | 150.00 | 1 | 30.00 | 7.30 | 7.10 | 7.20 | 0.040 | 8.64 | | | |
| | 150.00 | 171.60 | 1 | 21.60 | 7.10 | 6.60 | 6.85 | 0.040 | 5.92 | | | |
| | **Shivashankar layout cross road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.70 | 5.50 | 5.60 | 0.040 | 6.72 | | | |
| | 30.00 | 33.00 | 1 | 3.00 | 5.50 | 5.50 | 5.50 | 0.040 | 0.66 | | | |
| | **Shivashankar layout 4th main** | | | | | | | | | | | |
| | 0.00 | 30.00 | 1 | 30.00 | 5.00 | 6.60 | 5.80 | 0.040 | 6.96 | | | |
| | 30.00 | 60.00 | 1 | 30.00 | 6.60 | 4.50 | 5.55 | 0.040 | 6.66 | | | |
| | 60.00 | 90.00 | 1 | 30.00 | 4.50 | 6.80 | 5.65 | 0.040 | 6.78 | | | |
| | 90.00 | 120.00 | 1 | 30.00 | 6.80 | 4.70 | 5.75 | 0.040 | 6.90 | | | |
| | 120.00 | 150.00 | 1 | 30.00 | 3.10 | 6.10 | 4.60 | 0.040 | 5.52 | | | |
| | 150.00 | 170.00 | 1 | 20.00 | 6.10 | 5.75 | 5.93 | 0.040 | 4.74 | 157.61 | | |
| | **Total Qty Work Done** | | | | | | | | **1241.56** | **Cum** | | |
| | **Qty Payable in this bill** | | | | | | | | **1241.56** | **Cum** | | |
| | **Qty Paid in 1st Bill** | | | | | | | | **355.29** | **Cum** | | |
| | **Total Qty** | | | | | | | | **1596.85** | **Cum** | | 10106298.40 |
| | **Qty Payable in 2nd Bill** | | | | | | | | **1241.56** | **Cum** | **8140.00** | **10106285.38** |

Contractor Representative

Consultant Representative

NEWLEX CONSULTANT BANGALORE

Asst Engineer

Asst. Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: **18**

Item Name: KSRRB M800-13. Road Marking with Hot Applied 'Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications with all lead and lift and as per the direction of Engineer in-charge

Measurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Palanahalli 25th cross road edge line** | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 30.00 | 50.00 | 2 | 20.00 | 0.15 | 0.15 | 0.15 | | 6.00 | |
| | 50.00 | 80.00 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 80.00 | 110.00 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 110.00 | 122.50 | 2 | 12.50 | 0.15 | 0.15 | 0.15 | | 3.75 | |
| | 122.50 | 152.50 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 152.50 | 159.10 | 2 | 6.60 | 0.15 | 0.15 | 0.15 | | 1.98 | |
| | 159.10 | 165.80 | 2 | 6.70 | 0.15 | 0.15 | 0.15 | | 2.01 | |
| | 165.80 | 174.50 | 2 | 8.70 | 0.15 | 0.15 | 0.15 | | 2.61 | |
| | 174.50 | 190.90 | 2 | 16.40 | 0.15 | 0.15 | 0.15 | | 4.92 | |
| | 190.90 | 199.30 | 2 | 8.40 | 0.15 | 0.15 | 0.15 | | 2.52 | |
| | 199.30 | 229.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 229.30 | 247.30 | 2 | 18.00 | 0.15 | 0.15 | 0.15 | | 5.40 | |
| | 247.30 | 277.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 277.30 | 307.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 307.30 | 337.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 337.30 | 367.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 367.30 | 397.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 397.30 | 427.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 427.30 | 457.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 457.30 | 487.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 487.30 | 517.30 | 2 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | |
| | 517.30 | 536.30 | 2 | 19.00 | 0.15 | 0.15 | 0.15 | | 5.70 | |
| | **Palanahalli 25th cross road centre line** | | | | | | | | | |
| | 0.00 | 30.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | |
| | 30.00 | 50.00 | 0.5 | 20.00 | 0.10 | 0.10 | 0.10 | | 1.00 | |
| | 50.00 | 80.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | |
| | 80.00 | 110.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | |
| | 110.00 | 122.50 | 0.5 | 12.50 | 0.10 | 0.10 | 0.10 | | 0.63 | |

167.02

CBFC

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ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 122.50 | 152.50 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 152.50 | 159.10 | 0.5 | 6.60 | 0.10 | 0.10 | 0.10 | | 0.33 | | | |
| | 159.10 | 165.80 | 0.5 | 6.70 | 0.10 | 0.10 | 0.10 | | 0.34 | | | |
| | 165.80 | 174.50 | 0.5 | 8.70 | 0.10 | 0.10 | 0.10 | | 0.43 | | | |
| | 174.50 | 190.90 | 0.5 | 16.40 | 0.10 | 0.10 | 0.10 | | 0.82 | | | |
| | 190.90 | 199.30 | 0.5 | 8.40 | 0.10 | 0.10 | 0.10 | | 0.42 | | | |
| | 199.30 | 229.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 229.30 | 247.30 | 0.5 | 18.00 | 0.10 | 0.10 | 0.10 | | 0.90 | | | |
| | 247.30 | 277.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 277.30 | 307.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 307.30 | 337.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 337.30 | 367.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 367.30 | 397.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 397.30 | 427.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 427.30 | 457.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 457.30 | 487.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 487.30 | 517.30 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 517.30 | 536.30 | 0.5 | 19.00 | 0.10 | 0.10 | 0.10 | | 0.95 | | | |
| | **Bhagath enclave 2nd cross** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 89.00 | 2 | 29.00 | 0.10 | 0.10 | 0.10 | | 5.80 | | | |
| | **Bindu layout cross road 1** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 97.00 | 2 | 7.00 | 0.10 | 0.10 | 0.10 | | 1.40 | | | |
| | **Bindu layout cross road 2** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 95.50 | 2 | 5.50 | 0.10 | 0.10 | 0.10 | | 1.10 | | | |
| | **Bindu layout cross road 3** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 67.00 | 2 | 7.00 | 0.10 | 0.10 | 0.10 | | 1.40 | | | |
| | **Bindu layout cross road A** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 104.00 | 2 | 14.00 | 0.10 | 0.10 | 0.10 | | 2.80 | | | |
| | **Kattigenahalli main road towards 2nd main road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 30.00 | 60.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 60.00 | 80.00 | 2.5 | 20.00 | 0.10 | 0.10 | 0.10 | | 5.00 | | | |
| | 80.00 | 98.00 | 2.5 | 18.00 | 0.10 | 0.10 | 0.10 | | 4.50 | | | |
| | 98.00 | 120.00 | 2.5 | 22.00 | 0.10 | 0.10 | 0.10 | | 5.50 | | | |
| | 120.00 | 150.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |

148.69

C&FC

4/7/2021

4/7/21

C&FC

5/7/2021

5/7/21

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | | | |
| | 150.00 | 180.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 180.00 | 210.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 210.00 | 240.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 240.00 | 250.00 | 2.5 | 10.00 | 0.10 | 0.10 | 0.10 | | 2.50 | | | |
| | 250.00 | 280.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 280.00 | 310.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 310.00 | 330.00 | 2.5 | 20.00 | 0.10 | 0.10 | 0.10 | | 5.00 | | | |
| | 330.00 | 336.00 | 2.5 | 6.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 30.00 | 60.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 60.00 | 90.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 90.00 | 120.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 120.00 | 134.00 | 2.5 | 14.00 | 0.10 | 0.10 | 0.10 | | 3.50 | | | |
| | 134.00 | 164.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 164.00 | 194.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 194.00 | 224.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 224.00 | 254.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 254.00 | 284.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 284.00 | 314.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 314.00 | 344.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 344.00 | 374.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 374.00 | 404.00 | 2.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 7.50 | | | |
| | 404.00 | 409.40 | 2.5 | 5.40 | 0.10 | 0.10 | 0.10 | | 1.35 | | | |
| | **Kattigenahalli Cross road 1** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 120.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 120.00 | 124.40 | 2 | 4.40 | 0.10 | 0.10 | 0.10 | | 0.88 | | | |
| | **Kattigenahalli Cross road 2** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 106.00 | 2 | 16.00 | 0.10 | 0.10 | 0.10 | | 3.20 | | | |
| | 106.00 | 112.00 | 2 | 6.00 | 0.10 | 0.10 | 0.10 | | 1.20 | | | |
| | 112.00 | 123.00 | 2 | 11.00 | 0.10 | 0.10 | 0.10 | | 2.20 | | | |
| | **ALFA School road** | | | | | | | | 0.00 | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 30.60 | 2 | 0.60 | 0.10 | 0.10 | 0.10 | | 0.12 | | | |
| | 30.60 | 32.00 | 2 | 1.40 | | | | | | culvert width | | |
| | 32.00 | 62.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 62.00 | 83.00 | 2 | 21.00 | 0.10 | 0.10 | 0.10 | | 4.20 | | | |
| | 83.00 | 113.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 113.00 | 143.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 143.00 | 164.00 | 2 | 21.00 | 0.10 | 0.10 | 0.10 | | 4.20 | | | |
| | **ALFA School cross road 1** | | | | | | | | | | | |
| | 0.00 | 13.00 | 2 | 13.00 | 0.10 | 0.10 | 0.10 | | 2.60 | | | |

233.45

CBFC 6/7/2021

CBFC 6/7/2021

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | | | |
| | **ALFA School cross road 2** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 35.00 | 2 | 5.00 | 0.10 | 0.10 | 0.10 | | 1.00 | | | |
| | **Kattigenahalli TO Palanahalli Road edge line** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 30.00 | 60.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 60.00 | 90.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 90.00 | 120.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 120.00 | 150.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 150.00 | 180.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | C&FC | | |
| | 180.00 | 210.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 210.00 | 240.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 240.00 | 270.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 270.00 | 300.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 300.00 | 330.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 330.00 | 360.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 360.00 | 390.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 390.00 | 420.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 420.00 | 450.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 450.00 | 480.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 480.00 | 510.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 510.00 | 540.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 540.00 | 570.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 570.00 | 600.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 600.00 | 630.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 630.00 | 660.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 660.00 | 690.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 690.00 | 720.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 720.00 | 750.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 750.00 | 780.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 780.00 | 810.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 810.00 | 840.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 840.00 | 870.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 870.00 | 900.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 900.00 | 930.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 930.00 | 960.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 960.00 | 990.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | C&FC | | |
| | 990.00 | 1020.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1020.00 | 1050.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1050.00 | 1080.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1080.00 | 1110.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1110.00 | 1140.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1140.00 | 1170.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1170.00 | 1200.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1200.00 | 1230.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1230.00 | 1250.00 | 2.0 | 20.00 | 0.15 | 0.15 | 0.15 | | 6.00 | | | |
| | 1250.00 | 1280.00 | 2.0 | 30.00 | 0.15 | 0.15 | 0.15 | | 9.00 | | | |
| | 1280.00 | 1300.00 | 2.0 | 20.00 | 0.15 | 0.15 | 0.15 | | 6.00 | | | |

397.00

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

| SLNO | CHAINAGE | | NO | L | B | B1 | Avg B | D | QTY | REMARKS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Land Mark | | | (m) | (m) | (m) | (m) | (m) | | | | |
| | **Kattigenahalli TO Palanahalli Road centre line** | | | | | | | | | | | |
| | 0.00 | 30.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 30.00 | 60.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 60.00 | 90.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 90.00 | 120.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 120.00 | 150.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 150.00 | 180.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 180.00 | 210.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 210.00 | 240.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 240.00 | 270.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 270.00 | 300.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 300.00 | 330.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 330.00 | 360.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 360.00 | 390.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 390.00 | 420.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 420.00 | 450.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 450.00 | 480.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 480.00 | 510.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 510.00 | 540.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 540.00 | 570.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 570.00 | 600.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 600.00 | 630.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 630.00 | 660.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 660.00 | 690.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 690.00 | 720.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 720.00 | 750.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 750.00 | 780.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 780.00 | 810.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 810.00 | 840.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 840.00 | 870.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 870.00 | 900.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 900.00 | 930.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 930.00 | 960.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 960.00 | 990.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 990.00 | 1020.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1020.00 | 1050.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1050.00 | 1080.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1080.00 | 1110.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1110.00 | 1140.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1140.00 | 1170.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1170.00 | 1200.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1200.00 | 1230.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1230.00 | 1250.00 | 0.5 | 20.00 | 0.10 | 0.10 | 0.10 | | 1.00 | | | |
| | 1250.00 | 1280.00 | 0.5 | 30.00 | 0.10 | 0.10 | 0.10 | | 1.50 | | | |
| | 1280.00 | 1300.00 | 0.5 | 20.00 | 0.10 | 0.10 | 0.10 | | 1.00 | | | |
| | **Cross Road A** | | | | 0.10 | 0.10 | 0.10 | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |

CBFC

8/7/21

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

8/7/21

CBFC

8/7/2021

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

8/7/21

83.00

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 90.00 | 120.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 120.00 | 150.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 150.00 | 180.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 180.00 | 200.00 | 2 | 20.00 | 0.10 | 0.10 | 0.10 | | 4.00 | | | |
| | **Cross Road B** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 120.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 120.00 | 150.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 150.00 | 180.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 180.00 | 200.00 | 2 | 20.00 | 0.10 | 0.10 | 0.10 | | 4.00 | | | |
| | **Shivashankar layout 3rd main** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 120.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 120.00 | 150.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 150.00 | 171.40 | 2 | 21.40 | 0.10 | 0.10 | 0.10 | | 4.28 | | | |
| | **Shivashankar layout 2nd main** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 120.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 120.00 | 150.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 150.00 | 171.60 | 2 | 21.60 | 0.10 | 0.10 | 0.10 | | 4.32 | | | |
| | **Shivashankar layout cross road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 33.00 | 2 | 3.00 | 0.10 | 0.10 | 0.10 | | 0.60 | | | |
| | **Shivashankar layout 4th main** | | | | | | | | | | | |
| | 0.00 | 30.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 30.00 | 60.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 60.00 | 90.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 90.00 | 120.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 120.00 | 150.00 | 2 | 30.00 | 0.10 | 0.10 | 0.10 | | 6.00 | | | |
| | 150.00 | 170.00 | 2 | 20.00 | 0.10 | 0.10 | 0.10 | | 4.00 | 171.20 | | |
| | | | | | | | | **Total Qty Work Done** | **1200.36** | **Sqm** | | |
| | | | | | | | | **Qty Payable in this bill** | **1200.36** | **Sqm** | | |
| | | | | | | | | **Qty Paid in 1st Bill** | **0.00** | **Sqm** | | |
| | | | | | | | | **Total Qty** | **1200.36** | **Sqm** | | 570171.00 |
| | | | | | | | | **Qty Payable in 2nd Bill** | **1200.36** | **Sqm** | **475.00** | **570168.63** |

C/FC
9/7/2021

9/7/21

Contractor Representative

Consultant Representative

10/7/21

Asst Engineer

Asst.Executive Engineer

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ಭ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, Niranthara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

Item No: 19

Item Name: KSRRB M800-35.Supply and installtion of mould shank raised pavement marker made of pplycarbonate ans ABS(Acerylonitrile Butadiene sytrene ) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of thr light entering the lens face and shall support a load of 16000kg tested in accordance to specifications of category A of Morth circular no RW/NH/33023/10-97-DO IIIDt.11.06.1997. The height ,width and length shall not exceed 50mm ,10mm, and a02mm and with minimum reflective area of 13sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylinder shank, (of diameter not less then 19mm and height not less then 30mm) from the body is to be a minimum value of 500kg . Fixing will beby drilling holes on the road for the shanks togo inside, without nails and using epoxy resin based adhesive as per manufactures

Measurement recorded on:

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Kattigenahalli TO Palanahalli Road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 30.00 | 60.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 60.00 | 90.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 90.00 | 120.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 120.00 | 150.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 150.00 | 180.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 180.00 | 210.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 210.00 | 240.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 240.00 | 270.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 270.00 | 300.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 300.00 | 330.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 330.00 | 360.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 360.00 | 390.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 390.00 | 420.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 420.00 | 450.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 450.00 | 480.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 480.00 | 510.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 510.00 | 540.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 540.00 | 570.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 570.00 | 600.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 600.00 | 630.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 630.00 | 660.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 660.00 | 690.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 690.00 | 720.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 720.00 | 750.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 750.00 | 780.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 780.00 | 810.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 810.00 | 840.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 840.00 | 870.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 870.00 | 900.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 900.00 | 930.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 930.00 | 960.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 960.00 | 990.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 990.00 | 1020.00 | 3 | 30.00 | | | | | 90.00 | | | |

C/FC

10/7/2021

10/7/21

3060.00

| SLNO | CHAINAGE Land Mark | | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1020.00 | 1050.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 1050.00 | 1080.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 1080.00 | 1110.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 1110.00 | 1140.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 1140.00 | 1170.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 1170.00 | 1200.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 1200.00 | 1230.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 1230.00 | 1250.00 | 3 | 20.00 | | | | | 60.00 | | | |
| | 1250.00 | 1280.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 1280.00 | 1300.00 | 3 | 20.00 | | | | | 60.00 | | | |
| | **Kattigenahalli main road towards 2nd main road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 30.00 | 60.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 60.00 | 80.00 | 3 | 20.00 | | | | | 60.00 | | | |
| | 80.00 | 98.00 | 3 | 18.00 | | | | | 54.00 | | | |
| | 98.00 | 120.00 | 3 | 22.00 | | | | | 66.00 | | | |
| | 120.00 | 150.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 150.00 | 180.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 180.00 | 210.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 210.00 | 240.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 240.00 | 250.00 | 3 | 10.00 | | | | | 30.00 | | | |
| | 250.00 | 280.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 280.00 | 310.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 310.00 | 330.00 | 3 | 20.00 | | | | | 60.00 | | | |
| | 330.00 | 336.00 | 3 | 6.00 | | | | | 18.00 | | | |
| | **Kattigenahalli 2nd main road** | | | | | | | | | | | |
| | 0.00 | 30.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 30.00 | 60.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 60.00 | 90.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 90.00 | 120.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 120.00 | 134.00 | 3 | 14.00 | | | | | 42.00 | | | |
| | 134.00 | 164.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 164.00 | 194.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 194.00 | 224.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 224.00 | 254.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 254.00 | 284.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 284.00 | 314.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 314.00 | 344.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 344.00 | 374.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 374.00 | 404.00 | 3 | 30.00 | | | | | 90.00 | | | |
| | 404.00 | 409.40 | 3 | 5.40 | | | | | 16.20 | 3076.20 | | |
| | | | | | | | | | 6136.20 | | | |
| | | | | | | **Per 6m** | | | 1022.00 | | | |
| | | | | | | | | **Total Qty Work Done** | **1022.00** | **Nos** | | |
| | | | | | | | | **Qty Payable in this bill** | **1022.00** | **Nos** | | |
| | | | | | | | | **Qty Paid in 1st Bill** | **0.00** | **Nos** | | |
| | | | | | | | | **Total Qty** | **1022.00** | **Nos** | | |
| | | | | | | | | **Qty Payable in 2nd Bill** | **1022.00** | **Nos** | **375.00** | **383250.00** |

11/7/2021

11/7/21

Contractor Representative

Consultant Representative

12/7/21

Asst.Engineer

Asst.Executive Engineer 12/7/2021

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ಬೃಹತ್‌ಬೆಂಗಳೂರು ಅಭಿವೃದ್ಧಿ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

| Name of Work: Improvements to Roads and Drains at Bhagath Enclave, Kalidasa layout, Chamundeshwari nagara, Babanagar, Srirampura, MCECHS Layout, Palanahalli and Surrounding areas in Ward No.05 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Detailed Measurements | | | | | | | | | |
| Item No | Discription of Item | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
| E1 | Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials, labour, HOM complete as per specifications. | | | | | | | | |
| | **Vide pre-measurement page no.** 31 | | | | | 31.50 | | | |
| | | | | | **Present Qty** | **31.50** | **mts** | **2873.78** | **90524.07** |

Contractor Representative

NEWZEN CONSULTANTS BANGALORE

Consultant Representative

Asst Engineer

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Asst.Executive Engineer

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

BRUHAT BANGALORE MAHANAGARA PALIKE

ne of Work:Improvements to Roads and drains works at Kattigenahalli Main and Cross, Sirinagara, thara layout, SriKrishna Garden, Shivashankar layout, Varaha layout, Bindu layout and Surrounding areas in Ward No-05

Measurement Sheet

**Second and Final Bill**

No: **20**

n e: supply and fixing of Reteo Reflective Single Arrow Road Name Signboard of size 1600mm*900mm made out of retro reflective sheetting conforming to type XI standards of ASTM D 4956-09 & as per IRC 67-2012 for full back ground of bule colour and white letters and fixed over thick Aluminium Composite Materials sheet having minimum 0.5mm thick Aliminum skin on both sides with back side painted grey colour and fixed over bacj support frames SS angle of 15mm*20mm*1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 no of vertical posts of 50mm OD stainless pipe of 202 grade firmly fixed to the ground by means of properly designedfoundation of size 450mm*450mm*600mm in 1:1.5:3 ratio cement concrete. complete as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for type XIretro reflective sheeting from the sheeting manufacture and a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted bythe contractor for technical qualification in the tender with all lead and lift and as

Measurement recorded on:

| O | CHAINAGE Land Mark | NO | L (m) | B (m) | B1 (m) | Avg B (m) | D (m) | QTY | REMARKS | RATE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sign board | 17.00 | 1.60 | 0.90 | | | | 24.48 | | | |
| | **Total Qty Work Done** | | | | | | | **24.48** | **Nos** | | |
| | **Qty Payable in this bill** | | | | | | | **24.48** | **Nos** | | |
| | **Qty Paid in 1st Bill** | | | | | | | **0.00** | **Sqm** | | |
| | **Total Qty** | | | | | | | **24.48** | **Sqm** | | |
| | **Qty Payable in 2nd Bill** | | | | | | | **24.48** | **Sqm** | | |
| | **Qty upto 125%** | | | | | | | **12.60** | **Sqm** | **14799.00** | **186467.40** |
| | **Qty Above 125%** | | | | | | | **11.88** | **Sqm** | **14799.00** | **175812.12** |
| | | | | | | | | **Net Amount** | | | **32438375.38** |
| | | | | | | | | **12% GST** | | | **3892605.05** |
| | | | | | | | | **Grand total Amount** | | | **36330980.42** |

Contractor Representative

Consultant Representative

NEWZEN CONSULTANT BANGALORE

Asst.Engineer 12/7/21

Asst.Executive Engineer 12/7/2021

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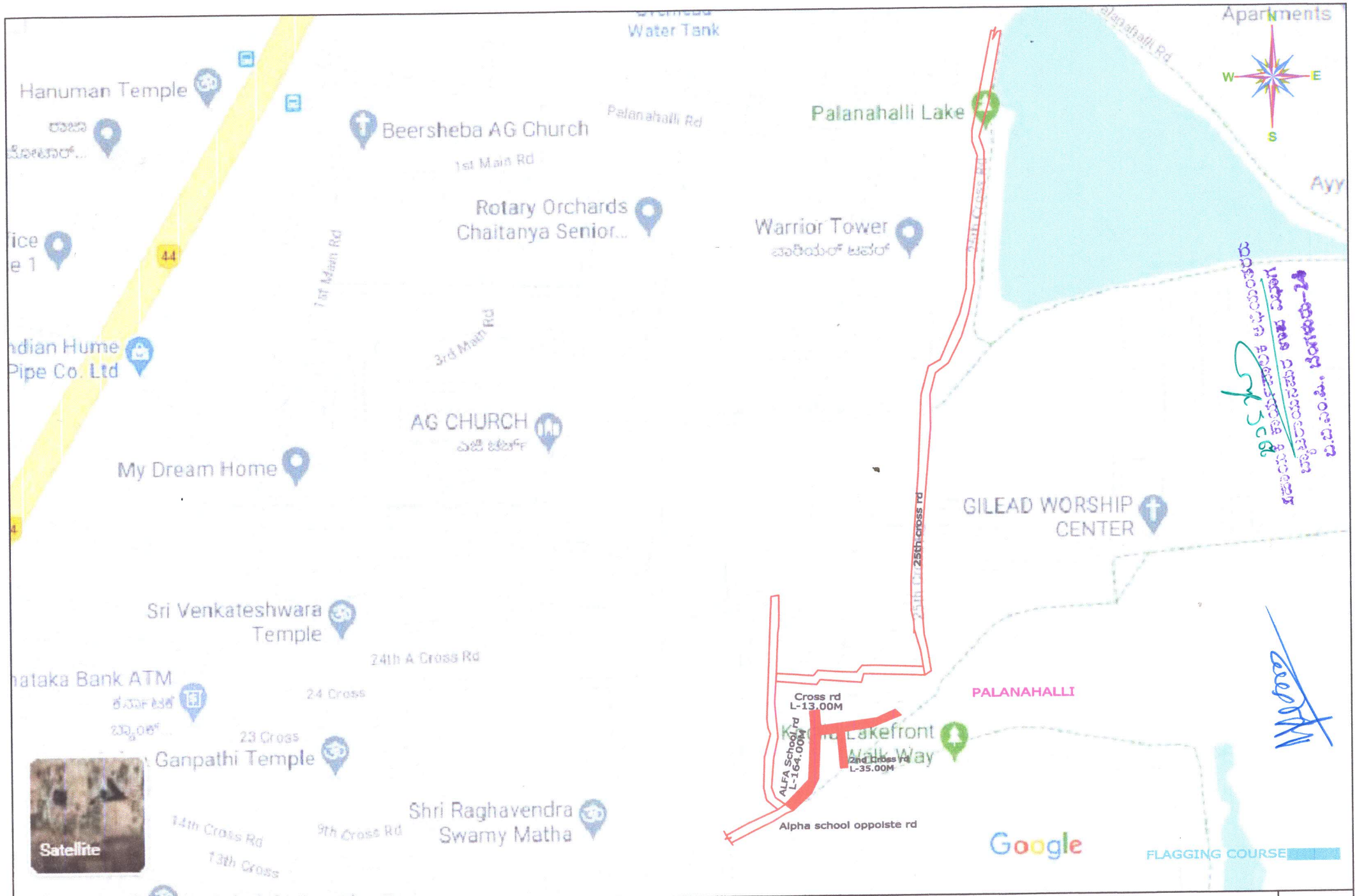
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

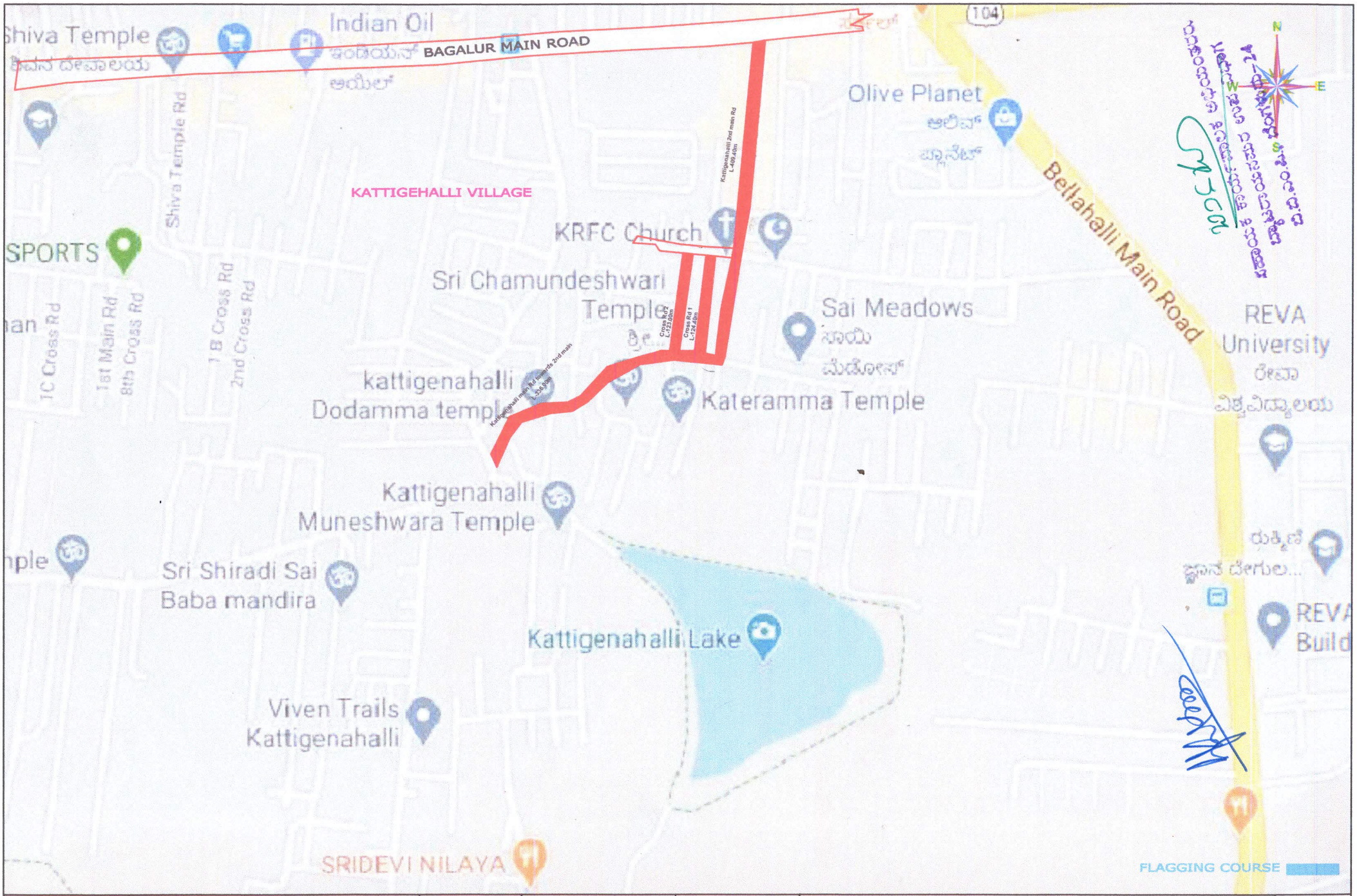
| CLIENT: | CONSULTANT:- | | | | | |
|---|---|---|---|---|---|---|
| BRUHAT BANGALORE MAHANAGARA PALIKE | NEWZEN CONSULTANTS BANGALORE<br>#13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR,<br>JNANA BHARATHI, BANGALORE-560 056<br>PH: 79262[illegible],E-mail:[illegible]umar.[illegible]631@gmail.com | Assitante Engineer | Assitante Executive Engineer | Executive Engineer | Improvements to Roads and Drains Work at kattigenehalli Main and Cross, Sirinagara, Niranthara layout, Srikrishna Garden, Shivashankara layout, Varaha layout Bindu layout and surrounding areas in Ward No-05 | Date<br>Rev: |

| CLIENT: | CONSULTANT:- | | | | Improvements to Roads and Drains Work at kattigenehalli Main and Cross, Sirinagara, Niranthara layout, Srikrishna Garden, Shivashankara layout, Varaha layout, Bindu layout and surrounding areas | Date |
|---|---|---|---|---|---|---|
| BRUHAT BANGALORE MAHANAGARA PALIKE | NEWZEN CONSULTANTS BANGALORE #13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR, JN... BHARATHI BANGALORE-560 056 PH... 926202... -mail;... vinay... mail.co... | Assitante Engineer | Assitante Executive Engineer | Executive Engineer | Ward No: | Dwg no: Rev; RO |

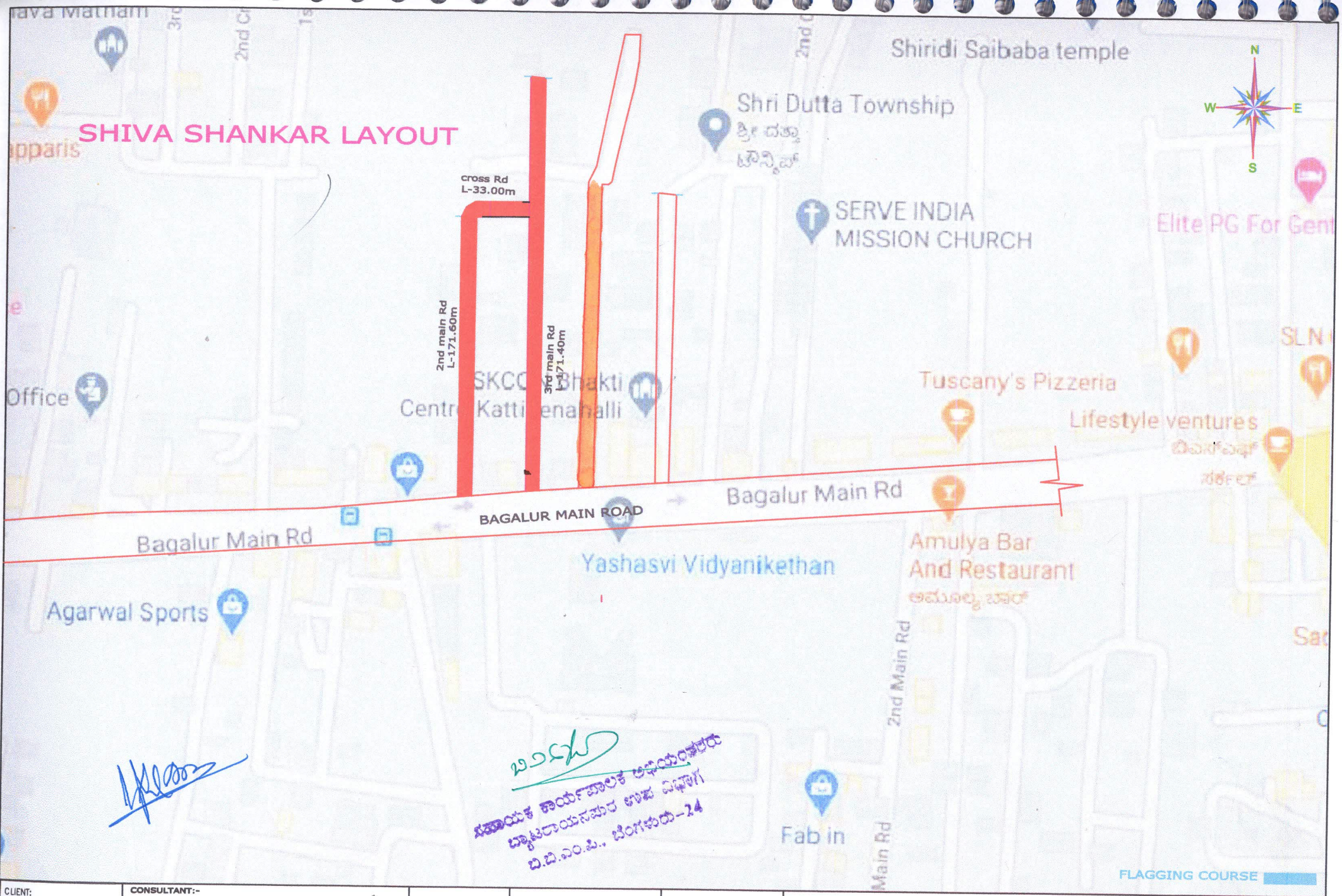
| CLIENT: | CONSULTANT:- | | | | | |
|---|---|---|---|---|---|---|
| BRUHAT BANGALORE MAHANAGARA PALIKE | NEWZEN CONSULTANTS BANGALORE<br>#13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR,<br>JN[illegible] BHAR[illegible], BAN[illegible]ORE-5[illegible]056<br>PH-[illegible]7926202[illegible],E-mail:[illegible]umar.vi[illegible]y631@gmail.com | Assitante Engineer | Assitante Executive Engineer | Executive Engineer | Improvements to Roads and Drains Work at kattigenehalli Main and Cross, Sirinagara, Niranthara layout, Srikrishna Garden, Shivashankara layout, [illegible]araha layout, Bindu layout and surrounding areas in Ward No-05 | Date<br>Rev: |




| CLIENT: | CONSULTANT:- | | | | | |
|---|---|---|---|---|---|---|
| BRUHAT BANGALORE MAHANAGARA PALIKE | NEWZEN CONSULTANTS BANGALORE #13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR, JAYA BHAVANI, BANGALORE-560 056 PH-8792620[illegible]1,E-mail:kumar.vinay631@gmail.com | Assitante Engineer | Assitante Executive Engineer | Executive Engineer | Improvements to Roads and Drains Work at kattigenehalli Main and Cross, Sirinagara, Niranthara layout, Srikrishna Garden, Shivashankara layout, Varaka layout, Bindu layout and surrounding areas, in Ward No 25 | Date Rev; |




| CLIENT: | CONSULTANT:- | | | | | |
|---|---|---|---|---|---|---|
| BRUHAT BANGALORE | NEWZEN CONSULTANTS BANGALORE | | | | Improvements to Roads and Drains Work at kattigenehalli Main and Cross, Sirinagara, Niranthara layout, Srikrishna Garden, Shivashankara layout, Varaha layout, Bindu layout and surrounding areas in Ward No-05 | Date |
| | #13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR, | | | | | |
| | | Assistant Engineer | Assistant Executive Engineer | Executive Engineer | | Rev |




| CLIENT: | CONSULTANT:- | | | | |
|---|---|---|---|---|---|
| BRUHAT BANGALORE MAHANAGARA PALIKE | NEWZEN CONSULTANTS BANGALORE<br>#13,10,MAIN 2nd CROSS,JNANAJYOTHI NAGAR,<br>JNANA BHARATHI, BANGALORE-560 056<br>PH-8792620231,E-mail;kumar.vinay631@gmail.com | Assitante Engineer | Assitante Executive Engineer | Executive Engineer | Improvements to Roads and Drains Work at kattigenehalli Main and Cross, Sirinagara, Niranthara layout, Srikrishna Garden, Shivashankara layout, Varaha layout,Bindu layout and surrounding areas in Ward No-05 |
| | | | | | Date |
| | | | | | Dwg no: Rev; R0 |

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ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24